

## Akamai 2019 Intern Cohort

### **Terric Abella**



Terric Abella (Tojo) grew up in Makakilo on the island of Oahu. He graduated from Kamehameha Schools Kapalama in 2018 and is studying computer science at Columbia University in New York City. In high school, he was on the Math Team and conducted science research. He enjoys listening to music, playing video games, and playing basketball. He hopes to one day pursue a career in STEM to make positive impacts on society while satisfying his passion for learning.

*Akamai project site:* HNu in Kahului, Maui.

### **Christopher Artates**



Christopher Artates was born in California and raised on Maui, graduating from H. P. Baldwin High School in 2016. At Baldwin, he dedicated much of his time to the FIRST Robotics program, but was also involved in the Japanese culture club, book club, and Science Olympiad, and volunteered with the Hawaii Animal Rescue Foundation. Christopher returned to California to study Computer Science at De Anza College in the Bay Area before transferring to California State Polytechnic University, Pomona, majoring in Electrical and Computer Engineering and minoring in Physics. He enjoys tinkering with hobby electronics and robotics and practicing his programming skills. Christopher serves as a STEM instructor for K-12 students around the Greater Los Angeles Area.

*Akamai project site:* Gemini in Hilo, Big Island HI.

### **Nicole Baptist**



Nicole Baptist was born and raised on the island of O'ahu. After graduating from Punahou School, she enrolled in Boston University where she is now a rising senior majoring in mechanical engineering. Her main educational and career interests lie in technical design and robotics.

She is a member of Boston University's Hawaii Cultural Association and Racing Team, and is a learning assistant for introductory physics. In her spare time, Nicole enjoys animating, hanging out with friends and family, taking things apart, putting them back together, and, of course, boogie boarding.

*Akamai project site:* Thirty Meter Telescope, Pasadena CA.

### **David Bennett**



David Bennett is from Salt Lake City and moved to Hilo with his wife in 2012. Dave attended Southern Utah University as a Mathematics major/Art minor and the University of Hawaii at Hilo as an Astronomy major where he had the opportunity to travel to Namibia to be the Resident Astronomer for the Sossusvlei Desert Lodge in 2016. He is currently pursuing an Associate in Applied Science degree through the Electronics Technology program at the Hawaii Community College and is also preparing for the Cisco CCNA Certification exams. After graduation, Dave intends to pursue a career as a technician or an operator at one of the Mauna Kea Observatories. He has been an amateur astronomer since he was 15 and built his first telescope for the 1986 apparition of Halley's Comet. In his spare time, Dave enjoys camping, hiking, playing with his dog Hokulea, reading science fiction, and editing videos for his wife Kea's dance performances at UH Hilo.

*Akamai project site:* Institute for Astronomy, Hilo HI.

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<p style="text-align: center;"><b>Jett Bolusan</b></p> 	<p>Jett is a Class of 2017 graduate of Maui Highschool. He is an upcoming third year at California Polytechnic State University, San Luis Obispo, majoring in Mechanical Engineering, general concentration, with an emphasis in energy collection and conversion. The release of a new concentration in Fall 2019 has him considering a concentration in energy resources. Jett is interested in everything relating to energy and is still exploring whether he wishes to enter industry to focus on energy storage or collection. As of now, Jett has his sights on entering the renewable resources industry in hopes of finding a sustainable and environmentally friendly way to harness energy from the ocean.</p> <p style="text-align: right;"><i>Akamai project site:</i> DKIST in Pukalani, Maui</p>
<p style="text-align: center;"><b>Jennifer Bragg</b></p> 	<p>Jennifer was born and raised in Los Angeles, CA and moved to the Big Island in 2011. In 2007 she received her BA in Illustration where she pursued a career in art and became a teacher and then a tattoo artist for 5 years. Currently, Jennifer is going into her senior year as a Physics and Math student at University of Hawaii at Hilo. After graduation, she wishes to pursue a masters in Astronomy. Jennifer has a strong interest in stellar and quantum physics, but also appreciates engineering and technology. She enjoys taking her 6-year-old son to science museums, surfing, swimming, hiking and martial arts.</p> <p style="text-align: right;"><i>Akamai project site:</i> Institute for Astronomy in Hilo, Big Island HI.</p>
<p style="text-align: center;"><b>Alice Chen</b></p> 	<p>Alice Chen was born and raised on the island of Oahu. She currently attends the University of Hawai'i at Manoa where she is pursuing a Bachelor of Science in Computer Science. At UH Manoa she has interned, participated in summer programs, was involved in the Associated Students, became a mentor and started a student group to excel at algorithms. In her free time, she enjoys drawing, reading, solving programming problems on sites like codesignal, and spending time with her pet zebra dove which she received under her care in his infancy.</p> <p style="text-align: right;"><i>Akamai project site:</i> Akimeka in Kihei Maui.</p>
<p style="text-align: center;"><b>Jonathan Chin</b></p> 	<p>Jonathan Chin is from the island of Oahu and graduated from Kaiser High school. He is currently pursuing a degree in Information Security Assurance at the University of Hawaii at West Oahu. After graduation, his goal is attain a job in the field of cyber security. Outside of work and school, his hobbies include weightlifting and video games.</p> <p style="text-align: right;"><i>Akamai project site:</i> Akimeka in Kihei. Maui.</p>
<p style="text-align: center;"><b>Royce Cornwell</b></p> 	<p>Royce Nainoa Cornwell was born and raised on the island of Kauai, Hawaii. He has always been interested in science and mathematics. He has earned an Associate in Science Degree at Kauai Community College and is currently enrolled in University of Hawaii Manoa pursuing a Bachelor's Degree in Electrical Engineering. After graduation, he plans to find a career in electro physics or signal processing in Hawaii. Eventually he also plans to earn a Master's Degree in Electrical Engineering. As a native Hawaiian, he aspires to excel in his future career as an Electrical Engineer to bring innovation to the state of Hawaii. He has studied abroad in Japan for one year to</p>

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	<p>cultivate his communication in Japanese. In Kauai Community College, he was the President of Phi Theta Kappa Honor Society and tutored students learning electronics for 2 years. His hobbies include, playing video games, practicing piano, learning Japanese/Chinese and studying astronomy.</p> <p><i>Akamai project site: Keck in Waimea, Big Island HI.</i></p>
<p><b>Dashiell Cotton</b></p> 	<p>Dash Cotton was born and raised in Waimea on the Big Island of Hawaii. He is currently pursuing a major in Engineering Management at Gonzaga University. At Gonzaga, Dash serves on the Board of Directors of the American Society for Engineering Management. Upon graduation, he hopes to work towards a project management position at a civil engineering firm in Southern California. However, he hopes to someday return to Hawaii to continue his career. Outside of school, Dash is a executive board member for the Spokane Chapter of Theta Chi Fraternity, where he held the positions of chapter secretary and recruitment chairman. In his leisure time, Dash enjoys surfing, skating, and hiking.</p> <p><i>Akamai project site: DKIST in Pukalani, Maui</i></p>
<p><b>Queenique Dinh</b></p> 	<p>Queenique graduated from Moanalua High School in 2017 and will be a junior at the University of Southern California this coming fall. She is majoring in Astronautical Engineering and is particularly interested in orbital mechanics and space mission design. Her educational goals include pursuing a master's degree through the Progressive Degree Program at USC and her career goals include working on future space exploration or planetary defense missions. She is an executive board member for USC's chapter of the American Institute of Aeronautics and Astronautics, primarily working to professionally connect students to the local space industry through company resume workshops, sight tours, and conferences. Outside of academics, Queenique is also an executive board member for the SC Ballroom and Latin Dance Team. She enjoys practicing American Smooth dances and competing in Southern California's collegiate dancesport scene.</p> <p><i>Akamai project site: Pacific Defense Solutions in Kihei, Maui.</i></p>
<p><b>Jack Hershey</b></p> 	<p>Jack was born and raised in Kailua, Hawaii. He went to the mainland for college and goes to Lewis and Clark college in Oregon. Jack has always been interested in programming and computers and is a Computer Science and Mathematics Major. Jack enjoys video games/board games as well as reading sci-fi books. He hopes to get more experience in the field and get a job involving programming of some kind preferably software engineering.</p> <p><i>Akamai project site: SMA/ASIAA in Hilo, Big Island HI.</i></p>

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**Sherie Hozaki**



Sherie was born and raised on the island of Maui. She graduated from Maui High School, where she cultivated her love for information technology. Currently, she is pursuing a degree in Computer, Electronics, and Networking Technologies at Honolulu Community College. While attending, Sherie competed in the Collegiate Cyber Defense Competition (CCDC) and her team placed 4th for the West Region. After graduation, she hopes to start a career in networking or cybersecurity. Apart from academics, she enjoys building computers, hiking, and playing basketball.

*Akamai project site:* MHPCC in Kihei, Maui.

**Jay Ryan Jamorabon**



Jay is a sophomore studying Computer Science - Security Science at the University of Hawaii at Manoa. He was born and raised on the island of Oahu in Hawaii. As a child, Jay developed a deep interest in computer systems, networking, and cyber security that has stuck with him to this day. He currently works for the University of Hawaii Information Technology Services where he helps maintain and operate the university's main data centers. After graduating, Jay hopes to work in the field of cyber security and become a security engineer or researcher.

*Akamai project site:* Subura in Hilo, Big Island HI.

**Katherine Jefferson**



Growing up on the Big Island, Katherine graduated from Hawaii Preparatory Academy in 2016. She is currently going into her senior year at Drew University in New Jersey, where she is majoring in Computer Science and minoring in Mathematics. Katherine is a member of both the university's swimming and golf teams. She is very interested in artificial intelligence, as well as graphical rendering. In her free time, she likes to relax on the beach with friends.

*Akamai project site:* DKIST in Pukalani, Maui

**Kaiaka Kepa-Alama**



Kaiaka Kepa-Alama was born in Halawa, Oahu and graduated from Saint Louis School. He is currently a senior at the University of Hawaii at Manoa majoring in Mechanical Engineering. His career goal is to hold a decision making position that benefits both the innovations in science as well as the advancement of the Hawaiian people. Kaiaka enjoys fishing, going to the beach, and playing slack key guitar.

*Akamai project site:* CFHT in Waimea, Big Island HI.

**Johnathan Kuamoo**



Johnathan Kuamoo is from the island of Maui where he graduated from Kamehameha Schools Maui in 2016. Currently, he is a Junior attending the University of Hawaii Maui college to pursue a bachelor's in Engineering Technology. Johnathan hopes to become an Electrical Engineer after earning his degree. In his free time, he enjoys playing video games, taking care of his animals and trying to work out.

*Akamai project site:* SMA/ASIAA in Hilo, Big Island HI.

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### Jenna Lau



As valedictorian of 'Iolani School's class of 2018, Jenna will be sophomore at the University of Southern California in the fall of 2019. She is majoring in computer science and is currently a machine learning research assistant at USC Melady Lab. Jenna grew up on the islands of Maui and O'ahu and is passionate about applying statistical analysis and computer science to impact health and education. Outside of the classroom, Jenna enjoys surfing, hiking, and riding motorcycles.

*Akamai project site:* Pacific Defense Solutions in Kihei, Maui.

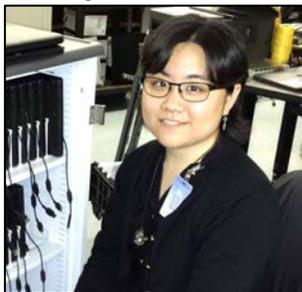
### Ethan Lee



Ethan Lee is currently a Junior at Cornell University pursuing my degree in Physics. His goal is to use his degree to do physics and better understand the world around us. He also is interested in teaching Physics. Ethan was born and raised in Honolulu, HI and graduated from Punahou High School. He has always loved the sciences and especially physics and can't wait to expand his knowledge in the field further.

*Akamai project site:* Institute for Astronomy in Pukalani, Maui

### Kasey Matsumoto



Kasey Matsumoto was born and raised on the Big Island. She studied in Computer Science at UH Hilo before later switching over to Hawaii Community College where she received her A.S. degree in IT this past spring. She loves a good story and in her free time she reads, watches TV shows, as well as plays RPGs. She also enjoys creating digital art and writing stories. One of her major goals is to create visual novels on her own using her art, writing, and scripting skills. She also plans to continue her education and receive a Bachelor's degree.

*Akamai project site:* Keck in Waimea, Big Island HI.

### Olivia Murray



Olivia was born and raised in Hilo on Hawaii Island. She graduated from Waiakea High School in 2016 as a valedictorian. She is a Regents Scholarship recipient at the University of Hawaii at Manoa where she is an Honors student majoring in Computer Science and currently enrolled in the Security Science track. She currently works with the Center on Disability Studies on the Ka Pilina grant, writing math and science lesson plans for grades K-8. She is also a college consultant with NexTech where she helps plan and run STEM workshops. After graduating, she hopes to enter the field of Cyber Security. In her very limited free time, Olivia enjoys participating in roller derby and inline hockey.

*Akamai project site:* Gemini in Hilo, Big Island HI.

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<p><b>Briana Noll</b></p> 	<p>Briana grew up in Seattle, WA before moving to the Big Island in July 2017. She is currently a junior enrolled in the computer science program at the University of Hawai'i at Hilo. After graduating, she plans to attend graduate school to further her education in computer science. When she isn't writing code she enjoys exploring the island of Hawai'i, cooking for my family and designing video games.</p> <p><i>Akamai project site:</i> Cyanotech in Kona HI.</p>
<p><b>Keakealani Pacheco</b></p> 	<p>Keakealani Pacheco is from Pahoa, Hawaii and has lived on the Big Island her whole life. Currently, she is enrolled at the University of Hawaii at Hilo, pursuing a bachelor's degree in Computer Science. She plans to use her degree in order to give back to the community she grew up in. In her free time, she enjoys spending time with her family, laughing with friends, and playing with her dogs.</p> <p><i>Akamai project site:</i> Air force Research Laboratory in Kihei, Maui.</p>
<p><b>Aliyah Pana</b></p> 	<p>Aliyah is a Hilo High graduate from the Big Island. She is pursuing her BS in Applied Mathematics at Central Washington University. In her free time, she enjoys the beach and playing basketball. She hopes to pursue a career in Sports Statistics.</p> <p><i>Akamai project site:</i> CFHT in Waimea, Big Island HI.</p>
<p><b>Jaynine Parico</b></p> 	<p>Jaynine was born and raised on Saipan, an island of the Commonwealth of the Northern Mariana Islands. She moved to Honolulu, Hawaii to pursue a college education. From there she received an Associates in Natural Science with a concentration on Physical Sciences at Kapiolani Community College (KCC). At KCC she was also a member of the Engineers for a Sustainable World (ESW). Jaynine plans to pursue a degree in Mechanical Engineering at the University of Hawaii at Manoa. Her academic interests include aerospace technology as well as renewable energy. On her free time, she enjoys aquascaping, photography, playing the piano and reading.</p> <p><i>Akamai project site:</i> PICSES in Hilo, Big Island HI.</p>
<p><b>Nick Rosenberg</b></p> 	<p>Nick was born and raised on the Big Island of Hawai'i, and is in the senior year of his computer science degree at the University of Hawai'i at Hilo. He has entrepreneurial ambitions, is a big proponent of natural conservation and hopes to utilize computer science in a way that is beneficial to his local and global communities. His auxiliary interests include music production, audio engineering, surfing and filmography.</p> <p><i>Akamai project site:</i> Subura in Hilo, Big Island HI.</p>

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### Kiyomi Sanders



Kiyomi Sanders was born in Honolulu and grew up moving between O'ahu, the continental US, and Scotland. She has recently earned the Associate in Science-Natural Science degree at Kapi'olani Community College. She is currently participating in supermassive black hole research and is a physics and math peer mentor at KCC. In Fall 2019, she plans to transfer to UH Mānoa and pursue a Bachelor of Science in Physics with a minor in astrophysics. She is interested in many STEM-related fields, including particle physics, cosmology, sustainable engineering, and STEM outreach. After graduating from UHM, she would like to pursue a PhD in Physics and a career in research. In her free time, Kiyomi enjoys reading books and comics, playing music, and writing.

*Akamai project site:* Thirty Meter Telescope: WFOS at the University of California Santa Cruz.

### Logan Sato



Logan Sato was born and raised in Hilo on the Big Island of Hawaii. He is a 2016 Waiakea High graduate, who now attends Oregon State University pursuing a degree in Mechanical Engineering. He hopes to return home and pursue a career in the islands. His hobbies include fishing, spearfishing and simply going outdoors. He also enjoys photography and playing pool with his friends on the weekend.

*Akamai project site:* Gemini in Hilo, Big Island HI.

### Brianna Brooke Shero



Brianna is a rising junior at the Pennsylvania State University. She is studying energy engineering with a focus on electrochemical systems. She wants to explore ways isolated areas, such as islands and small towns and villages, can become self-sustainable and rely on renewable resources. Also, she believes that STEM is underrepresented in these areas as well. She wants to advocate careers and interests in the STEM field to upcoming generations through social media platforms and create programs that allow children to young adults to use their creativity in STEM projects. When time suits her, she loves to snowboard, scuba dive, hike and practice fitness anyway she can.

*Akamai project site:* HELCO in Hilo, Big Island HI.

### Walter (Brandon) Smith



Brandon grew up on the island of Maui and graduated from Seabury Hall in 2015. He attends San Diego State University and is pursuing a Bachelor's of Science in Mechanical Engineering. Brandon is interested in a variety of subjects including mechanical design, thermal system design, and control systems. After undergraduate school Brandon will look towards Graduate school for a Master's Degree. His hobbies include surfing, snowboarding, and reading.

*Akamai project site:* DKIST in Pukalani, Maui

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<p style="text-align: center;"><b>Tre Soultz</b></p> 	<p>Born and raised in Hilo, Tré Soultz is a Waiakea High School class of 2016 graduate. Tré is currently a junior attending the University of Nevada, Reno pursuing a B.S. in Mechanical Engineering along with a minor in Mathematics. He is an active member of the university's Hawaii club, Circle K, and works at the campus bookstore. After graduating, Tré plans on returning to the Big Island where he hopes to secure a job that works to preserve the place he calls home. During his limited free time, he likes playing games with friends, cooking at home, and enjoying the various outdoor activities Reno has to offer.</p> <p style="text-align: right;"><i>Akamai project site:</i> Liquid Robotics in Kawaihae, Big Island HI.</p>
<p style="text-align: center;"><b>Elise Sueoka</b></p> 	<p>Elise was born and raised on the island of Oahu and graduated from Kalani High School in 2016. She is currently pursuing a bachelor's degree in Electrical Engineering with a minor in Astrophysics at the University of Hawaii Manoa. In the future, she would like to do work related to the development/improvement of optical electronics and possibly pursue a M.S. in optics or in a related field. In her free time Elise enjoys taking naps, drawing, and playing the bass guitar.</p> <p style="text-align: right;"><i>Akamai project site:</i> Thirty Meter Telescope: WFOS at the University of California Santa Cruz.</p>
<p style="text-align: center;"><b>Abraham Sylvester</b></p> 	<p>Abraham was born and raised in Hilo, Hawaii and graduated from Waiakea High School. He is currently a senior at the University of Hawaii at Manoa pursuing a bachelors degree in Electrical Engineering with a focus in systems and signal analysis. After graduation he plans to remain in Hawaii and pursue a career in research and development and to eventually start his own engineering business with his brother. In his free time he likes to go on hikes, go to the beach, and play video games.</p> <p style="text-align: right;"><i>Akamai project site:</i> Subura in Hilo, Big Island HI.</p>
<p style="text-align: center;"><b>Joshua Tokunaga</b></p> 	<p>Joshua Tokunaga was born and raised on the island of Oahu. He graduated in 2016 from Saint Louis School where he played football and basketball. He currently attends Arizona State University and plans to graduate in 2020 with a BS in Earth and Space Exploration: Astrobiology and Biogeosciences and a minor in Sustainability. He is specifically interested in planetary science and hopes to pursue a career as a research scientist. In his free time, he enjoys watching and playing sports, hanging out with friends, and helping those in his fraternity, Phi Kappa Tau, with schoolwork, events, and meetings.</p> <p style="text-align: right;"><i>Akamai project site:</i> PICSES in Hilo, Big Island HI.</p>
<p style="text-align: center;"><b>Rhon Leomana Turalde</b></p> 	<p>Leomana Turalde is a Hilo native. He was raised in Hawaiian emersion schools until his last year and graduated from Waiakea High School. He Joined the Marine Corps Infantry in 2005 and served in multiple combat tours with the Marine Force Reconnaissance Teams. In 2011 he left the military and started dancing for Chinky Mahoe and Kawaili'ulā, and since then has become a prominent dancer and composer. His hobbies are traveling, extreme sports, jiujitsu, fighting, poetry, reading, philosophy, sky diving and cliff jumping. This past semester he was a part of UHCC project Imua team that competed in the NASA Student launch Project and was the team rocket engineer and Safety officer.</p> <p style="text-align: right;"><i>Akamai project site:</i> Gemini in Hilo, Big Island HI.</p>

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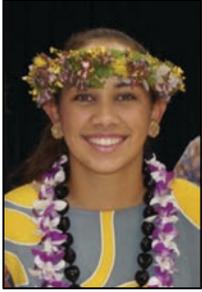
**Chase Urasaki**



Chase is a class of 2015 graduate from Aiea High School, and will be finishing his double major in Astrophysics and Math at the University of Hawai'i at Manoa in the fall of 2019. He hopes to go on to graduate school to pursue a graduate degree in Astrophysics and continue to do research. When he's not in class, he is actively involved in ASUH, the undergraduate student government at UH Manoa, or using his free time to build computers and looking for the best ramen spot on Oahu.

*Akamai project site:* DKIST in Pukalani, Maui

**Makena Wagner**



Makena was born and raised in Hilo, Hawai'i and attended Kamehameha Schools Hawai'i. She now attends Smith College in Massachusetts where she is currently pursuing her bachelor's of science in Engineering with a minor in Architecture and Urbanism. As a student athlete, this is Makena's third year on the Pioneers Varsity Softball team. In her spare time Makena enjoys fishing and hanging out with friends. She hopes to return home after graduation and work as a local engineer. Last year, Makena also participated in Akamai, creating a test rig for linear encoders and interchangeable motor drives at Gemini Observatory North.

*Akamai project site:* Keck in Waimea, Big Island HI.

**Stacey Yanagihara**



Stacey Yanagihara was born and raised in Hilo, Hawaii. She is currently pursuing a Bachelor of Science Degree in Computer Science at the University of Hawaii at Hilo. Her main interest is in video game development and software engineering. If she is not working or studying, Stacey enjoys spending time outdoors or just hanging out with her family and friends.

*Akamai project site:* Institute for Astronomy in Hilo, Big Island HI.

**Dayna Yoshimura**



Dayna Yoshimura was born and raised on the island of Maui. After graduating from Maui High School in 2014, she attended the University of Portland where she graduated in May 2019 with a Bachelor of Science in Electrical Engineering. This fall, she will be continuing her education at the University of Portland in pursuit of a Masters of Biomedical Engineering degree. Dayna is involved with the Biomedical Engineering Society Chapter at the University and enjoys reading and playing video games in her free time.

*Akamai project site:* HNu in Kahului, Maui.

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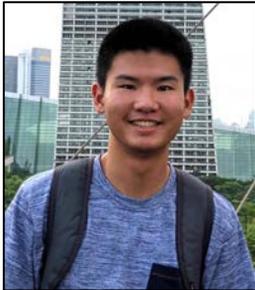
### Lee Danielle Young



Danielle was born and raised in Honolulu on the island of Oahu and is a graduate of Kalani High School. She will be starting her fourth year at the University of Hawaii at Manoa pursuing a bachelor's of science degree in mechanical engineering. She has growing interests in space from her projects with the Hawaii Space Flight Laboratory and previously looking at Curiosity's data from the planet Mars. Danielle is active in her university's Society of Women Engineers (SWE) section and had the opportunity to lead the section as president this past year. After graduating she hopes to eventually return to Hawaii to work and plans to continue her involvement in SWE. In her free time, she enjoys spending time with her pet lovebirds, dog & cat sitting, traveling, and volunteering in her community at local K-12 STEM and robotics events.

*Akamai project site:* CFHT in Waimea, Big Island HI.

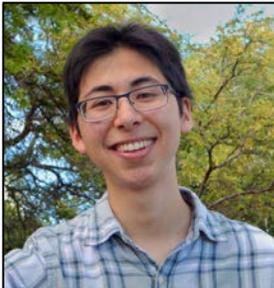
### David Zane



David was born and raised in Honolulu, Hawaii. He is currently an undergraduate student at Northwestern University in Evanston, IL pursuing a BS in Computer Science. He enjoys programming algorithms and new interfaces. Outside of class David enjoys traveling, sports, spending time with family & friends, and eating lots of food.

*Akamai project site:* MHPCC in Kihei, Maui.

### Jonathan Zerez



Originally from Honolulu, Hawaii, Jonathan Zerez is currently a sophomore studying Mechanical Engineering at the Olin College of Engineering. Outside of classwork, he is heavily involved in Olin's Formula SAE Electric project team where he specializes in systems modeling and analysis for vehicle development. He is also passionate about algorithmic music generation. In his free time, he likes to tinker around, play video games, and make music.

*Akamai project site:* Thirty Meter Telescope, Pasadena CA.