

EDUCATION	<b>University of Utah</b> • B.S. in Computer Science; 3.90 GPA. • Relevant Coursework includes: Data Structures, Algorithms, Linear Algebra, Probability, Discrete Math.	Salt Lake City, UT <i>Aug 2019 – May 2022 (Expected)</i>
	<b>Hillcrest High School</b> • Graduated with an International Baccalaureate diploma. • Participated in the Future Business Leaders of America-Phi Beta Lambda organization, placing Top 10 internationally in various events.	Midvale, UT <i>Aug 2015 – Jun 2019</i>
EXPERIENCE	<b>Software Developer</b> <b>Genetic Logic Lab</b> • Implemented a sequence search tool on SynBioHub, an open-source repository for synthetic biology designs, that enables users to search for similar genetic parts by uploading a genetic part file. • Currently maintaining the SBOExplorer and SynBioHub repositories on GitHub	University of Utah <i>Sep 2019 – Present</i>
	<b>Energy and Water Management Intern</b> <b>Canyons School District</b> • Audited twenty-plus school sprinkler systems within the Canyons School District to collect water usage data. • Created a more efficient sprinkler system measured by savings of over one million gallons of water by optimizing watering times and flow rates of sprinklers on the Calsense irrigation control platform.	Sandy, UT <i>Jun 2019 – Aug 2019</i>
AWARDS	<b>Best Startup Project</b> <b>HackTheU</b> • Created a smart waste management system called HastyWaste using IoT sensors embedded onto garbage bins to collect data for management and optimization of waste disposal routes.	<i>Oct 2019</i>
	<b>National Merit Finalist</b> <b>National Merit Scholarship Corporation</b> • Selected as one of 15,000 students from a pool of more than one million candidates to receive a college-sponsored scholarship.	<i>Jan 2019</i>
SKILLS	<b>Programming</b> C++, C#, Java, Python, Javascript, L <sup>A</sup> T <sub>E</sub> X, Bash <b>Tools</b> Vim, Git, Linux, UML <b>Languages</b> English, Mandarin Chinese, Cantonese	
PROJECTS	<b>skincheck.today</b> • Used Google Cloud Platform's AutoML to build and train a custom model to check user-submitted images of skin lesions for possible signs of melanoma. • Used Python+Flask to build the website and Heroku for automatic deployment.	
	<b>Deepracer</b> • Used AWS Deepracer to build and train a fully autonomous scale race car equipped with Lidar and stereo cameras using reinforcement learning	