William Lin

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EDUCATION

University of California, Berkeley   May. 2022
   Electrical Engineering and Computer Science major
   Regents & Chancellor's Scholar
   GPA: 4.000

WORK EXPERIENCE

Hibotics   Feb. 2016 - Jan. 2019
Software Engineering Intern
   - Developed Android app as control system and UI for ERAD product
   - Interfaced controls to work with both Arduino or Raspberry Pi through MQTT protocol

Hamilton College Consulting   Jun. 2018 - Sep. 2018
Student Worker
   - Tutored group of up to 20 students in SAT/ACT Mathematics concepts
   - Assisted teachers with grading and maintaining classrooms

ACTIVITIES

Robotics @ Berkeley   Sep. 2019 - Present
Self Driving Car Simulator team Member
   - Creating reinforcement learning model of Amazon DeepRacer car in simulations
   - Working on Computer Vision system to detect lanes and obstacles

Cal Concrete Canoe   Apr. 2020 - Present
Paddling Officer
   - Leading members in preparing for paddling competition and races
   - Planning gym workouts and scheduling practices for the team

Computer Science Undergraduate Association   Sep. 2019 - Present
Prospective Officer

Eta Kappa Nu (HKN)   Feb. 2020 - Present
Member

Team 7159, Robo Ravens   Aug. 2016 - Jun. 2019
President and Head of Programming of First Tech Challenge team Robo Ravens
   - Programmed robots to act autonomously with computer vision and encoder inputs.
   - Led team of 19 students and taught the basics of robot design and introductory Java
   - Dean's List Semifinalist Award

SKILLS

Skills: Java, Python, MATLAB, HTML, CSS, Scheme, SQL, Solidworks
Interests: Robotics, Aerospace technologies, Deep RL, ML, Android, Algorithms
Current Coursework: **CS61B**: Data Structures, **CS189**: Machine Learning, **CS170**: Algorithms