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

CS 70: Discrete Math and Probability Course Staff   Jun. 2020 - Present
Reader
- Held office hours to assist students with learning material and homework
- Assisted instructors with grading homeworks
- Meet weekly with group to improve discussion material

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 - May 2020
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

SKILLS

Languages: Java, Python, C, Assembly (RISC V), HTML, CSS, Scheme, SQL, MATLAB
Interests: Robotics, Aerospace technologies, Deep RL, ML, Android, Algorithms
Current Coursework: **CS61C**: Great Ideas in Computer Architecture