

Denny Rich • dsrich@berkeley.edu
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OBJECTIVE

Seeking an internship to apply my knowledge and passion for Computer Science

EDUCATION

UC Berkeley, Berkeley, Ca | Expected Graduation May 2022

BA in Computer Science, Minor in Physics

Relevant Coursework

Data Structures • Computer Security • Principles/Techniques of Data Science • Probability/Random Processes • Computer Architecture • Discrete Math/Probability Theory • Physics: Mechanics/Relativity, Electricity/Magnetism, Quantum/Thermodynamics

Skills

- Programming Languages: Java, Python, C, Scheme, SQL, JavaScript
- Software: Git, GitHub, L^AT_EX

RELATED EXPERIENCE

Course Instructor, *Invent-a-bot* | Fremont, Ca

Jun 2019 – Aug 2019

- Developed Python curriculum and guided students in their robotics projects
- Learned to express my ideas to first time programming students
- Website: invent-a-bot.com

Energy Specialist, *Rising Sun Energy Center* | Fremont/Newark, Ca

Jun 2017 – Aug 2018

A non-profit that strives to help residents achieve environmental and economic sustainability

- Performed energy/water conservation assessments in local homes
- Installed efficient measures (light bulbs, shower heads, faucet aerators, etc.) into over 150 homes
- Demonstrated energy efficiency and conservation practices
- Developed adaptability and communication skills
- Website: risingsunopp.org

LEADERSHIP EXPERIENCE

CS Course Staff, *UC Berkeley* | Academic Intern

Jan 2019 – Present

- Tutored students in various introductory computer science topics
- Facilitated weekly labs and office hours

PROJECTS

- Developed a script to read data from a GPX file (recorded from GPS watch) to replay a simulation of a run; <https://dennyrich.github.io/GPX>
- Participated in the design of a high-speed, human-powered vehicle using SolidWorks with the Human Powered Vehicle Club at Berkeley

INTERESTS/OTHER

- Hobbies include running, basketball, hiking, Washington HS Athlete of the Year (2018)