

**Denny Rich** • dsrich@berkeley.edu  
740 Pickering Ave • Fremont, CA 94536  
510.298.8886 • <https://linkedin.com/in/dennisrich>

## 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 (CS 61b) • Computer Architecture (CS 61c) • Discrete Math and Probability Theory (CS 70) • Linear Algebra/Differential Equations • Structure and Interpretation of Computer Programs (CS 61a) • Multivariable Calculus

## Skills

- Programming Languages: Java, Python, C, C++, Scheme, SQL
- Software: Git, GitHub, SolidWorks, L<sup>A</sup>T<sub>E</sub>X

## 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](http://invent-a-bot.com)

**Energy Specialist**, *Rising Sun Energy Center* | Fremont/Newark, Ca Jun 2017 – Aug 2018

- 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](http://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 Python script to extract data from a GPX file (recorded from GPS watch) to replay a run
- Participated in the design of a high-speed, human-powered vehicle using SolidWorks with the Human Powered Vehicle Club at Berkeley

## INTERESTS

- Hobbies include running, basketball, hiking
- Washington High School Athlete of the Year 2018