# 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 (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, Scheme, SQL, JavaScript
- Software: Git, GitHub, LaTeX

## 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)