Denny Rich

✉ dsrich@berkeley.edu   ☎ 510.298.8886
🏠 Fremont, CA   in /in/dennisrich   ⬀ dennyrich.github.io

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

Skills

- Programming Languages: Java, Python, C, C#, SQL, JavaScript
- Technologies: Git/GitHub, LaTeX, ASP.NET Core MVC

EXPERIENCE

App Developer Intern, *Gameplay* | Remote, Ca   August 2020 – Present
- Designed features that allow local athletes to reserve city fields, join teams, and schedule games
- Structured development with ASP.NET Core MVC (C#, PostgreSQL, Bootstrap, JavaScript)
- Communicated with a small team through daily scrum meetings and worked on a shared git repo
- Website: `https://gameplayus.com`

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

Academic Intern, *CS 61a Course Staff* | Berkeley, Ca   Jan 2019 – May 2019
- Facilitated weekly office hours and labs
- Guided learning in concepts such as abstraction, recursion, object-oriented programming

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
- Website: `https://risingsunopp.org`

PROJECTS AND OTHER

- Developed a tool that parses data recorded by a GPS watch/smartphone to replay an animated simulation of a run using trigonometry and HTML graphics (dennyrich.github.io/GPX)
- Hobbies include running, basketball, hiking, Washington HS Athlete of the Year (2018)