Denny Rich

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OBJECTIVE
Seeking a new-grad role to apply my knowledge and passion of Computer Science

EDUCATION
UC Berkeley, Berkeley, CA | Expected Graduation May 2022
BA in Computer Science, Data Science

Data Structures • Security • Data Science • Prob./Random Processes • Computer Architecture • Optimization Models • DB Systems • AI • ML • Efficient Algorithms and Intractable Problems

Skills
- Java, Python, C, C#, SQL, JavaScript, HTML, React
- Git/GitHub, LaTeX, ASP.NET Core MVC, UiPath, Intellij, VSCode

EXPERIENCE
Software Intern - Robotic Process Automation, *Lumen Tech.* | CA   Jun 2021 – Aug 2021
- Developed scripts to fetch and process client orders in real-time using the Salesforce SOAP API
- Reduced employee time spent performing repetitive tasks in enterprise systems
- Collaborated with a team of 3 interns and frequently presented to the larger team

App Developer Intern, *Gameplay* | Remote, CA   Aug 2020 – Dec 2020
- 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 in daily scrum meetings and worked on a shared git repo

Academic Intern, *CS 61a Staff* | Berkeley, CA   Jan 2019 – May 2019
- Facilitated weekly office hours and labs for students covering topics such as abstraction, recursion, and object-oriented programming

Course Instructor, *Invent-a-bot* | Fremont, CA   Jun 2019 – Aug 2019
- Developed Python curriculum and guided students in personalized robotics projects
- Learned to share programming concepts with first-time CS students

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 over 150 local homes
- Demonstrated energy efficiency and conservation practices for residents

PROJECTS
- Developed a web app to analyze Strava fitness activities with a back-end Flask API hosted on Azure. Used Bootstrap, Plotly (Python plotting library), and the Strava REST API
- Learned React Native and Redux to build a mobile app for completing challenges and viewing progress, focused on sports and outdoor activities
- Hobbies include running, hiking, basketball, tennis, and baking