David Paner

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WORK/VOLUNTEER EXPERIENCE

Simmer **Oct. 2019 - Present**
Data Operations Intern *San Francisco, CA*
- Use custom Python scripts to scrape and clean thousands of online reviews and images to integrate into the Simmer app
- Manage 5+ remote freelancers in order to assure their assignments were done in a quality and timely manner
- Listen to user feedback and update the data pipeline and presentation accordingly to improve user experience

Hackingtons **Jun. 2019 – Aug. 2019**
Computer Science Instructor *Dublin, CA*
- Taught daily web development classes of 10+ students using HTML, CSS, and JavaScript
- Taught game development classes of 10+ students using Python and Unity
- Organized learning resources and the classroom environment to facilitate a positive learning experience

Berkeley Engineers and Mentors **Sept. 2017 - Present**
Site Leader and Curriculum Writer *Berkeley, CA*
- Mentor 20 elementary/middle school students throughout Berkeley and Oakland through engaging project-based science and engineering lessons in order to stimulate their interest in pursuing STEM careers
- Manage my team of 4 other college students by assigning different roles and providing feedback on any issues or strengths in their performances
- Design lessons involving a wide range of STEM topics in a way for other mentors to effectively teach elementary/middle school students

SELECTED PROJECTS

Berkeley Engineers and Mentors Website, beam.berkeley.edu *HTML, CSS, JavaScript*
- Proposed and implemented a new site content architecture and navigation scheme for a modern redesign
- Pushed local updates with version control tools, which aided in collaboration, organization, and updates with my team

Admin Web App *HTML, CSS, JavaScript (React)*
- Administrator interface application implemented in React
- Enables CRUD operations on data pulled from a test REST API

Grocery Needs Android Application *Java, SQL, XML*
- Utilizes OOP principles and data structures to implement a shopping list app that prompts user for healthiness of items added in order to assist in decision making
- Uses SQLite for database management

EDUCATION

University of California, Berkeley **May 2021**
B.A. Data Science, Minor in Computer Science *Berkeley, CA*

Completed Coursework:
Structure and Interpretation of Computer Programs, Data Structures, Introduction to Database Systems, Artificial Intelligence, Computer Architecture, Efficient Algorithms and Intractable Problems, Foundations of Data Science, Principles and Techniques of Data Science, Web Design DeCal, Discrete Mathematics and Probability Theory, Linear Algebra and Differential Equations
In Progress: Databases, Artificial Intelligence, iOS Development

PROGRAMMING SKILLS

- Languages: Python, Java, C, SQL, HTML, CSS, JavaScript, Swift, XML
- Tools: Android Studio, Xcode, Pandas, MatPlotLib, Git