Jeffrey Luu

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EDUCATION

University of California San Diego   San Diego, CA
B.S. Human Computer Interaction, Minor in Computer Science   *Oct. 2020 – June 2023*
GPA: 3.5

Coursework: Web Client Languages, Interaction Design, Usability & Information Architecture, Social Computing
Algorithms, Systems Programming, Operating Systems, Software Engineering, Data Science, Computer Graphics.

EXPERIENCE

Technical Program Manager Intern   Jan. 2022 – June. 2022
CodePath   *San Diego, CA*

- Recruited over 80 students to participate in the course through student organization presentations, distributing informatics, and sharing my CodePath experience.
- Oversaw all course management logistics for a CodePath.org course site including confirming session dates and times, reviewing student submissions, and coordinating with other program managers.
- Collaborated closely with Regional Program Manager and CodePath.org operations team to address student concerns and feedback for improving the student learning experience.
- Mentored and supported students by providing technical support during labs and assignments to ensure they were on track with the pace of the course.

PROJECTS

ZooSeeker | *Java(Android)*   Mar. 2022 – May. 2022

- Developed an app to plan a trip to the San Diego Zoo, optimizing routes for minimal walking to desired exhibits.
- Implemented a shortest path algorithm using Android's geographic location API, with functional re-routing.
- Built unit, integration, and UI tests with JUnit, Robolectric, and Espresso.
- Operated with agile development principles, using GitHub and ZenHub to allow 6 programmers to work efficiently.

Obesity and Income in the U.S. | *Python*   Jan. 2022 - Mar. 2022

- Analyzed data from the CDC and IRS to determine whether income influences the obesity rate.
- Devised informative data visualizations using Seaborn and Matplotlib.
- Performed chi-square tests of independence between obesity and income for different cities in the U.S.
- Documented data analysis and conclusions in a concise Jupyter Notebook.

SimpleTweet | *Java(Android)*   Sept 2021 – Oct. 2021

- Developed an Android application that allows for users to access Twitter.
- Implemented Twitter OAuth to allow users to safely sign into their Twitter accounts.
- Utilized Twitter's REST API to access user's timeline and post tweets.
- Used Glide to implement image loading and efficient caching.

SKILLS

Languages: HTML/CSS, Javascript, Python, C/C++, Java, ARM Assembly
Frameworks: Flask, React
Tools: Git/GitHub, Android Studio, JUnit, Espresso, Robolectric, Zenhub, GitHub Actions CI, Unix, Figma
Technologies: Pandas, NumPy, Matplotlib, Seaborn, OpenGL