Telvin Zhong

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EDUCATION

Northeastern University | M.S. Computer Science   Expected April 2022
- GPA: 4.0
- Google DSC Club

UCLA | B.S. Chemistry, Science Education minor   June 2019
- GSE&IS Dean's Scholar, UCLA Regents Scholar Society, Segal AmeriCorps Education Award, InterActions Journal Writer and Editor, UCLA Academics on the Hill, Los Angeles Mentorship Program

SKILLS

Python, Java, JavaScript, C, C++, HTML, CSS, MySQL, Git, Linux, Flask, Powershell, Agile (Scrum)

COURSES

Foundations of Computer Science, Discrete and Data Structures, Object-Oriented Design, Algorithms, Computer Systems, Database Management Systems, Foundations of Software Engineering. Future: Building Scalable Distributed Systems, Web Dev

EXPERIENCE

Computer Software Instructor - Juni Learning   March 2020 – Present
- Provide hands-on, project-based instruction for Python, Java, web programming, and app development.
- Record individual student progress, communicate with other teachers, and design customized learning plans.

Full Stack Developer - Accenture ServiceNow Hackathon   May 2020
- First place prize for an application connecting users looking for part-time work with local users looking for assistance.
- Wrote UI policies to enhance UX, created JavaScript client scripts to configure forms, and automated back-end flow designs to analyze, match, and notify users.

Front-End Developer - NASA SpaceApps Challenge   May 2020
- Developed an interactive web application that ranks cities by underlying health issues, health infrastructure, population demographics, and unemployment to compare and visualize their COVID-19 vulnerability.
- Researched and imported NASA data using Python, Flourish, and Mapbox to create interactive map interfaces that allow resizing and toggling different visualizations.

Back-End Developer - LA Hacks   March 2020
- Created a hotline for screening COVID-19 symptoms accessible by both text and cell, including a chatbot that detects key words and links users to appropriate resources.
- Built back-end using Python, Flask, and Node.js to support voice and text input and to diagnose recommendations in line with CDC and Apple screening services.

TECHNICAL PROJECTS

FoodAlert   May 2020 - Present
- Launched an application for coordinating food selection and delivery for large groups that saves user food preferences, creates groups, and processes user data to modify restaurant menus.
- Designed application interface with react.js and wrote server-side databases and APIs with Django, Flask, and SQL.

Reddit WordCloud Bot   July 2020
- Created a bot that scans all comments for "!Wordcloud" and returns an Imgur link to a wordcloud for that thread.