

Telvin Zhong

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EDUCATION

Northeastern University | M.S. Computer Science

Expected April 2022

- GPA: 4.0
- Microsoft Learn Student Ambassador, President of Microsoft Student Partners Club
- Foundations of Computer Science, Discrete and Data Structures, Object-Oriented Design, Advanced Algorithms, Computer Systems, Database Management Systems, Foundations of Software Engineering, Web Development
- Future: Building Scalable Distributed Systems, Advanced Software Development

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, HTML, CSS, SQL, MongoDB, Node.js, Flask, Git, Linux, AWS, Azure, Agile (Scrum)

WORK EXPERIENCE

Software Engineering Intern - [Coursera](#)

Starting January 2020 – April 2020

Software Engineering Intern - [Open Water Accelerator](#)

September 2020 – Present

- Developed back-end architecture for Project ANT, a freelancing platform for building and showcasing user portfolios.
- Designed and maintained NoSQL and MongoDB databases and improved web application with Node.js and Express.
- Enhanced content-based recommendation systems with machine learning in AWS Elastic Compute Cloud.

Volunteer Developer - [CARE International](#)

September 2020 – Present

- Launched interactive mobile application for the CARE Yemen Youth and Women Initiative to collect and transfer data from local authorities to youth and women initiatives and service providers.

TECHNICAL PROJECTS

Backend Developer - [ZoomFit](#)

August 2020

- Third place at the Open Water VC Fall Hackathon.
- Deployed a full-stack social media platform that allows authenticated users to create and join Zoom workout sessions.
- Built backend APIs with JavaScript for AWS Lambda to authenticate and fetch user data from DynamoDB.

Full Stack Developer - [Help](#)

May 2020

- First place at the Accenture ServiceNow Hackathon.
- Developed web and mobile application connecting users looking for part-time work with users looking for assistance.
- Wrote JavaScript scripts to configure UX for forms and automated databases to analyze, match, and notify users.
- Volunteered for future hackathons as staff to mentor and technically support all participants.

Frontend Developer - [NASA SpaceApps Challenge](#)

May 2020

- Launched 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 Django, Flourish, and Mapbox to create interactive map interfaces that allow resizing and toggling different visualizations.

Backend 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 with Flask to support both voice and text input and devised algorithms to diagnose recommendations.