**Telvin Zhong**

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**LinkedIn**: linkedin.com/in/telvin ● **Github**: github.com/telvinzhong

**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.