**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
* President of Microsoft Student Partners Club, Executive Board of Developer Student Club

**UCLA** |B.S. Chemistry, Minor in Science Education 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, Scala, C, React, HTML/CSS, Postgres, MongoDB, Redis, Node.js, Express, Typescript, Linux, AWS

**WORK EXPERIENCE**

**Software Engineer Intern - Coursera** January 2021 – April 2021

* Developed content ingestion APIs in Java to parse tar.gz files into discrete Coursera course components.
* Created and automated scalable Java services to uncompress zipped content to Amazon S3 and return path keys.
* Designed and integrated Scala tests for RESTful course creation web services with AWS Elastic Compute Cloud.

**Software Engineer Intern - Open Water Accelerator** September 2020 – December 2020

* Lead the digital portfolio team for Project ANT, a freelancing platform for building and showcasing user portfolios.
* Designed and instantiated Postgres databases for digital portfolios using AWS Elastic Beanstalk, Node.js, and Express.
* Implemented authentication with passport.js and improved backend APIs with TypeORM.

**Software Engineer Intern - Develop for Good** September 2020 – December 2020

* Launched interactive iOS/android mobile application for the CARE International Yemen Youth and Women Initiative to coordinate the transfer of data from local authorities to youth and women initiatives.
* Created and implemented NoSQL database schemas with Firebase and added multiple functionalities to home page.

**TECHNICAL PROJECTS**

**Backend Developer - ZoomFit** August 2020

* Third place at the Open Water Accelerator Fall Hackathon with ZoomFit.
* 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 interactively configure UX for forms and automated databases to match and notify users.
* Volunteered for future hackathons as staff to mentor and technically support over one hundred 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 Flask backend to support both voice and text input and wrote algorithms to diagnose recommendations.