**Telvin Zhong**

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

**EDUCATION**

**Northeastern University** | M.S. Computer Science (GPA: 4.0) Expected April 2022

* President of Microsoft Student Partners, Executive Board of Developer Student Club
* Relevant Coursework: Discrete and Data Structures, Object-Oriented Design, Algorithms, Database Management Systems, Web Development, Advanced Software Development, Building Scalable Distributed Systems

**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**

**Languages**: Python, Go, Java, JavaScript, Ruby, Scala, C, TypeScript

**Web Technologies**: Node.js, Spring Boot, jQuery, React, Redux, HTML/CSS, Angular, Express, Ruby on Rails

**Databases**: Postgres, MongoDB, MySQL, Redis, DynamoDB

**Tools, Platforms, and Cloud**: Docker, Linux, Heroku, Git, Pandas, AWS, Azure, Firebase

**WORK EXPERIENCE**

**Software Engineer Intern - Braze** Starting June 2021 – August 2021

* Ruby on Rails, Python, Go, Java

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

* Developed scalable Java services to uncompress, parse, and organize zipped course content to Amazon S3.
* Redesigned and improved Scala routes and tests for course content RESTful APIs 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 scaled Postgres databases for long term maintainability and performance using AWS Elastic Beanstalk.
* Implemented authentication with Passport.js and optimized backend APIs in Node.js and Express with TypeORM.

**Volunteer Developer - 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 realtime NoSQL database engines with Firebase and added user functionality to the home page.

**TECHNICAL PROJECTS**

**Fullstack Developer - WhiteBoard** February 2021

* Implemented and deployed a full-stack learning management website using React, Redux, Spring, MySQL, and Heroku.
* Designed session handling capabilities and RESTful web services for server-side data storage using MySQL.

**Backend Developer - ZoomFit** August 2020

* Second place at the Open Water Accelerator Fall Hackathon.
* Deployed a full-stack social media website that allows authenticated users to create and join Zoom workout sessions.
* Built serverless backend with AWS Lambda and wrote functions to fetch user information from DynamoDB.

**Fullstack Developer - Help** May 2020

* First place at the 2020 Accenture ServiceNow Hackathon.
* Developed web and mobile application connecting users looking for part-time work with users looking for assistance.
* Wrote JavaScript methods to interactively configure UI for forms and automate workflow by event triggers.

**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 implemented algorithms to diagnose recommendations.