Telvin Zhong

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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: Cloud Computing, Web Development, Scalable Distributed Systems, Computer Networks, Database Management Systems, Operating Systems, Algorithms, Discrete and Data Structures, Object-Oriented Design

UCLA | B.S. Chemistry, Minor in Science Education   **June 2019**
- GSE&IS Dean's Scholar, UCLA Regents Scholar Society, Segal AmeriCorps Education Award

SKILLS

Languages: Python, Java, Go, JavaScript, Scala, TypeScript, C/C++
Web Technologies: Node.js, React, Express, jQuery, HTML/CSS, Spring Boot, Redux
Databases: MongoDB, MySQL, PostgreSQL, SQLite, Redis, Firebase, DynamoDB
Tools, Platforms, and Cloud: Docker, Kubernetes, Linux, Git, Heroku, AWS, Azure

WORK EXPERIENCE

Software Engineer Intern - Braze   **Starting June 2021 – August 2021**
- Dashboard Infrastructure team - Ruby on Rails, Python, Go, Java

Software Engineer Intern - Coursera   **January 2021 – April 2021**
- Developed scalable Java microservices for the Content Ingestion team to migrate $10M worth of external course content.
- Automated the unpacking, parsing, and deployment of zipped content from AWS S3 to Coursera clients and models.
- Improved security, reliability, and functionality of Course Authoring APIs in Scala and created comprehensive unit tests.

Software Engineer Intern - Open Water Accelerator   **September 2020 – December 2020**
- Launched the user portfolio MVP for Project ANT, a platform for connecting freelancers and showcasing user portfolios.
- Designed PostgreSQL database architecture for long term maintainability and performance with AWS Elastic Beanstalk.
- Created and tested RESTful APIs with Node.js and Express and implemented user authentication with Passport.js.

Volunteer Developer - Develop for Good   **September 2020 – December 2020**
- Developed an interactive android 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.
- Implemented realtime NoSQL database engines with Firebase and routed APIs for registration, login, and logout.

TECHNICAL PROJECTS

Konek AI - TOHacks   **May 2021**
- Created a Slack bot AI that parses a chosen Wikipedia article to accurately answer open-ended questions from the user.
- Designed backend logic with Python and implemented RESTful APIs to communicate with Open AI and Wikipedia.

WhiteBoard - Web Development Project   **February 2021**
- Designed and deployed a full-stack learning management website using MongoDB, Express, React, Node.js, and Spring.
- Implemented interactive interfaces, persistent cloud data storage, RESTful web services, user sessions, and authentication.

ZoomFit (Second Place) - Open Water Accelerator Fall Hackathon   **August 2020**
- 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 implemented persistent cloud data storage and RESTful web services.

Help (First Place) - Accenture ServiceNow Hackathon   **May 2020**
- 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.

QuaranTwilio - LA Hacks   **March 2020**
- Created a hotline and interactive chatbot for screening COVID-19 symptoms accessible by both text and cell.
- Built Flask backend to support both voice and text input and implemented algorithms to diagnose recommendations.