

Telvin Zhong

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EDUCATION

Northeastern University | M.S. Computer Science (GPA: 4.0) **Expected December 2021**

- Relevant Coursework: Cloud Computing, Web Development, Building Scalable Distributed Systems, Operating Systems, Database Management Systems, Machine Learning, 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, DynamoDB, Firebase

Tools, Platforms, and Cloud: Docker, Kubernetes, Kafka, Linux, AWS Certified Solutions Architect - Associate

WORK EXPERIENCE

Software Engineer Intern **June 2021 – August 2021**

Braze | New York, NY

- Designed interactive data visualization tools and their SDKs/APIs for the Dashboard Infrastructure team platform.
- Established the architecture for a new line chart library and created its composable React components using TypeScript.
- Expanded the functionality and compatibility of customer-facing dashboard APIs with Python and Ruby on Rails.

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

Coursera | Mountain View, CA

- 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 **September 2020 – December 2020**

Open Water Accelerator | Menlo Park, CA

- 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 **September 2020 – December 2020**

Develop for Good | Remote

- Developed an interactive data transfer android application for the CARE Yemen Youth and Women Initiative.
- Implemented Firebase realtime NoSQL databases and created APIs for user 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.

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.
- Implemented interactive interfaces, persistent cloud data storage, RESTful web services, user sessions, and authentication.

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 automated email workflow with event triggers.

COVID-19 Hotline | 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.