**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 December 2021**

* Specializations: Software Engineering, Data Science
* Relevant Coursework: Cloud Computing, Web Development, Building Scalable Distributed Systems, Operating Systems, Database Management Systems, Machine Learning, Fundamentals of Computer Networking, 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, TypeScript, Scala, C/C++

**Web Technologies**: Node.js, React, 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 TypeScript 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 using Java 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 Flask/Python hotline and interactive chatbot for screening COVID-19 symptoms accessible by text and cell.