**Telvin Zhong**

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**WORK EXPERIENCE**

**Nuro** **January 2022 – Present**

Software EngineerMountain View, CA

* Designed and productionized a full-stack system to remotely configure partner branding for Nuro’s autonomous delivery vehicles, reducing time needed to create a branded delivery experience from 2 days to 1 minute and fulfilling key partner obligations.
* Implemented an improved flow for advancing order states that recovers orders from bad states and minimizes risk from telemetry issues, resulting in a 33% improvement in Delivery Reliability.
* Led a complex major redesigns for fetching, calculating, and efficiently displaying a source of truth for order information in Order Dispatcher and Order Details pages, working across Product and Design to define business requirements and timelines.
* Led a complex frontend redesign for fetching, calculating, and displaying order information in our Order Dispatcher and Order Details pages. Worked closely with Product and Design to define business requirements, timelines, and rollout strategies.
* Scoped and implemented frontend architecture for identifying and surfacing errors that could prevent orders from reaching completion including delays at a stop, vehicle errors, and failure to generate autonomous routes.

**Braze** **June 2021 –August 2021**

Software Engineer InternNew York, NY

* Created a line chart component with responsive hover states using React and Typescript from architecture to deployment.
* Coordinated the creation of a new charting library across multiple teams and gathered requirements for the frontend component roadmap in an org-wide effort to improve company branding after going public in an $8B IPO.
* Added end-to-end Cypress tests to mock frontend user flows and Jest unit tests for validating component rendering.

**Coursera** **January 2021 – April 2021**

Software Engineer InternMountain View, CA

* Developed scalable Java microservices to streamline the migration of $10M worth of external course content to Coursera.
* Automated the unpacking and mapping of zipped external course content from AWS to native Coursera models with integration into a continuous deployment pipeline, resulting in target educators saving 67% more time while building Coursera courses.
* Identified and resolved multiple security risks for Course Creation APIs in Scala and increased team unit test coverage by 20%.

**Open Water Accelerator** **September 2020 – December 2020**

Software Engineer InternSan Francisco, CA

* Launched the user portfolio MVP for Project ANT, a social platform for connecting freelancers and showcasing work portfolios.
* Designed and built PostgreSQL database architecture and drove key decisions around long-term maintainability and performance.
* Created and tested Typescript APIs for integrating with AWS and implemented single sign-on user authentication with Passport.js.

**Develop for Good** **August 2020 – December 2020**

Volunteer DeveloperStanford, CA

* Developed a mobile android application designed to transfer data at scale for the CARE Yemen Youth and Women Initiative.
* Created Java APIs for user registration, login, and logout and added realtime communication with Firebase databases.

**TECHNICAL PROJECTS**

**Git It Done (First Place) | Braze Hack Day** **August 2021**

* Developed a GitHub widget using TypeScript for accepting and deferring PR review requests with full Slack integration.

**Konek AI | TOHacks** **May 2021**

* Created a Slack bot AI that parses a chosen Wikipedia article to accurately answer open-ended questions in a Slack channel.
* Built a Python server for handling user input and implemented RESTful APIs to communicate with Open AI and Wikipedia.

**EDUCATION**

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

* President of Microsoft Student Partners

**UCLA |** B.S. Chemistry, Minor in Science Education **June 2019**

* GSE&IS Dean’s Scholar, UCLA Regents Scholar (40 per year), Segal AmeriCorps Education Award

**SKILLS**

**Languages**: TypeScript, JavaScript, Python, Go, Java, C++

**Frameworks**: React.js, Node.js, React Native, Express, Spring

**Databases**: MySQL, PostgreSQL, SQLite, MongoDB, Redis

**Tools**: Docker, Kubernetes, Git, Linux, GraphQL, AWS