Shuyang Chen

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Skills

Modern JavaScript	TypeScript	Rust & Web Assembly	Web Frontend	Canvas/WebGL
WebSockets/PubSub	Isomorphic React	React Native	ML Deployment	Node.js
Conversation Design	AWS/GCP/Serverless	Postgres/MySQL	Python/Flask Backend	Unity 3D w/ C#

Education

Georgia Institute of Technology   **Atlanta, GA**   **Aug 2014 - May 2017**
- Bachelor of Science in Computer Science candidate with Threads in Media and Information Internetworks

Work Experience

Moonship - *Founding Software Engineer - moonship.com*   **Sunnyvale, CA**   **Sept 2020 - Jan 2022**
- Joined Accel & SciFi VC backed startup to build social ecommerce/group buy -> ML target discounts Shopify app
- Led team expertise on frontend UI & architecture, JavaScript, devops, security, python flask ML implementation

Google - *Developer Programs Engineer - actions.google.com*   **Mountain View, CA** **May 2017 - Sept 2020**
- Worked on improving developer experience for the Google Assistant Actions on Google Developer Platform
- Created tools and performed outreach under Developer Relations for the Google Assistant

Google Assistant Engineering
- Owner & lead for the Actions on Google Node.js Library github.com/actions-on-google/actions-on-google-nodejs
- Launched the complete restructure, design, and developer experience of the library and migration to TypeScript
- Documented and communicated major developer experience design issues for the conversational webhook API
- Gave continuous API design insights leading to Developer Relations approval as a product launch requirement
- Became organization domain expert on webhooks + library/docs gen to pave strategies for future Google APIs
- Helped launch Interactive Canvas for games on Smart Displays & explored limits w/ Rust/WebAssembly

Google Assistant Outreach
- Provided community support through posts on Stack Overflow and other official community channels
- Oversaw workshops for Actions on Google during events like Google I/O & GDD Europe in Krakow, Poland
- Presented Google Assistant to hundreds of attendees while being streamed online in GDD China & Europe
- Sponsored hackathons & workshops to promote Google Assistant like the Intuit Small Business Hackathon
- Provided support and sponsored student hackathons like University of Toronto Hacks and PennApps

Intuit - *Software Engineer Intern - intuit.com*   **San Diego, CA**   **May 2016 - Aug 2016**
- Worked on the TurboTax Care Engineering Team to build a support routing tool w/ JBoss, MySQL & Angular 1
- Provided critical engineering support for a core JavaScript React feature to ensure on time implementation
- Investigated corporate uses and problems of Node.js in a large scaling and enterprise environment
- Experimented with the Open Platform team on new React components and build systems for A/B testing
- Developed a React Native speech recognition personal assistant app from a Designer's mockup

UserIQ - *Software Engineering Intern - useriq.com*   **Atlanta, GA**   **Jan 2016 - Apr 2016**
- Worked on improving Angular 1 JavaScript on the frontend for UserIQ, an analytics and engagement startup
- Experimented with bookmarklets to distribute a demo for the product easily to any website without an extension
- Optimized build systems and made a jQuery replacement w/ Sizzle to improve script load and bandwidth usage

Georgia Tech Cable Network - *Web Designer/Developer*   **Atlanta, GA**   **Sept 2014 - Feb 2016**
- Improved responsiveness and functionality of the website working around SharePoint w/ JavaScript and CSS
- Created new features like a image gallery and a blog system to add new content using JavaScript