

KEVIN JIANG

 kevin51jiang

EDUCATION

2019 - 2024 Management Engineering, B.A.Sc., *University of Waterloo*
· *Algorithms and Data Structures (95%), Databases and Software Design (93%)*

SKILLS

Frontend TypeScript, React, Relay, Next.js, JavaScript, Metamask

Backend Go, Node.js, Python, PostgreSQL, MongoDB, GraphQL, Cloudflare Workers, GitHub Actions

EXPERIENCE

May 2022 - Aug 2022 **Coinbase | Software Engineering Intern (Performance & Latency) | Washington, DC**
· Increased the performance and reliability of the mobile app in **React Native** using **Relay**, saving on average 200ms per screen transition, by allowing the refetching of preloaded **GraphQL** queries
· Ensured continuous progress of network library migration, ensuring 0 new references were added by developing a GitHub bot using **TypeScript**
· Quantified historical data of network library migration, analyzing 8500+ commits, using **TypeScript**

Sep 2021 - Apr 2022 **Spatial | Software Engineering Intern (Backend & Tooling) | San Francisco, CA**
· Implemented **MetaMask** login, increasing user pool and making up 20%+ of new signups in **Next.js**
· Created a bug report pipeline, saving \$15 000 per year using **TypeScript** and **Cloudflare Workers**
· Built and supported new features to enhance metaverse experience using **Go** and **MongoDB**
· Prototyped a dev dashboard in **React**, aggregating information to increase developer productivity

Jan 2021 - Apr 2021 **Spatial | Software Engineering Intern (Frontend) | San Francisco, CA**
· Led development and deployment of the webapp in **React** and **Three.js**, affecting 500+ users
· Streamlined user experience by implementing virtual room exports to Miro and Figma, using **React**

May 2020 - Aug 2020 **Ontario Digital Service | Software Engineering Intern (Fullstack) | Waterloo, ON**
· Developed Ontario's Covid-19 Data Viz, averaging 456 000+ unique views per month, using **React**
· Automated build and deploy of prototype, improving turnaround time by 89%, using **GitLab CI**

PROJECTS

Aug 2021 **Resume Parser | resume-parser.vercel.app**
· Launched a resume parsing website connecting to Lever's API using **Next.js** and serverless functions, parsing 30 000+ resumes

May 2020 **React Spotify Auth | github.com/kevin51jiang/react-spotify-auth**
· Created open source **React** component library for Spotify API authentication, with 10 000+ downloads on NPM and used in 260+ projects on GitHub