

Run Qi (Jack) Li

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Multilingual Developer with a decade of language expertise in foreign language acquisition, cultural immersion, and cross-cultural communications. Transitioning from JLPT N1 proficiency, provincial & national Japanese speech contest championships to software development. Speaks Mandarin, English, Japanese, Spanish.

SKILLS

Working Knowledge: HTML, CSS, JavaScript, React, GCP VM, Firestore, PostgreSQL, MongoDB, Mongoose, Node, Express, Git, Github, VS Code, Figma, Agile(Scrum), WCAG2.1, Mobile-First Design, Responsive Design

Exposed To: TypeScript, NextJS, SCSS, Tailwind CSS, Google Cloud Functions, AWS console, IAM, EC2, S3, Lambda

EXPERIENCE

Software Developer

Jun. 2023 – Present

ToBeDetermined Inc - led development & automation of web scrapers using GCP in a team of two *Remote*

- Exceeded expectations, promoted to intermediate (**\$40USD/hr**) from junior (\$20USD/hr) **in under 1 month**
- Developed **8** industrial-grade scrapers in NodeJS to collect and stores data from **1M+ urls** to Firestore
- Reduced development cost(**\$5k+**) through fine tuning and automating data scraping process on Google Cloud VMs
- Increased collectible data quantity by **100+ fold**/page while reduced failed scrape from **8% to under 1%**
- Drafted **10+** README and archived **30+** branches to improve repo maintainability in Git & Github

Frontend Developer

May. 2023 – Jun. 2023

Chingus - led project management, development of game logic, and testing in a team of four *Remote*

- Fostered an exceptional team dynamic where all members expressed a desire to collaborate again on future projects
- Collaborated in an Agile team of four applying (Scrum) Methodology and Git for version control
- Led weekly sprint planning and reviews with clear agendas, input from all members, and actionable items
- Ensured optimal performance, accessibility, and SEO by following best practices and making the app responsive

PROJECTS

BooleBots — *ReactJS, SCSS— An educational game that combines gameplay with basic Boolean logic*

- Converted MVP from JavaScript to fully deployed React app over **50+ hours** of pair-programming sessions
- Conducted cross-browser compatibility testing to ensure accessibility standards are met while optimizing performance

YelpCamp — *JavaScript, ExpressJS, MongoDB, NodeJs — A full-stack review-sharing platform for campgrounds*

- Developed **12+** Restful API routes to enable CRUD functionality using MVC architecture
- Designed one-to-many database relationships and login system to enable user sign-up and authorization

Kanbei Udon — *ReactJS, HTML, CSS — A mobile-focused business site for a udon shop in Japan*

- Worked closely with shop owner and staff to align project scope and expectations. Ensured client satisfaction
- Managed project life-cycle including design, development, review, and updates. Ensured timely delivery

EDUCATION

Frontend Developer Career Path Certificate

Oct. 2022 – Mar. 2023

Scrimba

Online

- Completed **400+** hours of interactive curriculum focused on Frontend Web development
- Selected as Top Code Reviewer and Reviewer of the Week from **40+** weekly code reviews
- Invited by Scrimba instructor to conduct paid code-reviews as a dedicated Scrimba Bootcamp Code Reviewer

University of Waterloo

Waterloo, CA

Bachelor of Knowledge Integration, Minor in Applied Language Studies - 3.79/4.0 GPA

Sep. 2014 – May. 2018

INTERESTS

I support new developers in various communities via code reviews, mentorships, and volunteering at TorontoJS.