

Brian Lau

Software Engineer (Frontend)

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WORK EXPERIENCE

Frontend Developer, [Data.ai](https://data.ai)

Nov 2021 – Jun 2023 (1 yr 8 mos)

data.ai is the 1st Unified Data AI Company to combine consumer and market data with the power of AI to fuel insights

- Contributed to the free-users product line, and delivered multiple sub-products, including IAP Renvue, Portfolio Analysis, Review Management and Connections
- Led frontend development of Review Management feature that consists of 2 FE Engineers (IC3 and IC2)
- Implemented the frontend of a new login flow with magic-link
- Implemented the vital Google Play integration. Related support tickets were reduced by 70% after launch. (164 to 46, compared to the same month in the previous year)
- Implemented UI changes that resulted in a 580% increase in Admox integration from (1,893 Jan to 11k July)
- Contributed to code review as both reviewer and reviewee
- Contributed to maintaining 100% test coverage
- Led talks at internal conferences and presented on various technical topics (~15 engs)
- Worked collaboratively with teams made of FE, BE, design, PM, TPM, QA, and data science
- Stack: TypeScript, React, Next.js, Jest, React Testing Library, AQL (an internal alternative to GraphQL), Styled-component, Storyblok

Frontend Developer, [Spindle Inc.](https://spindleinc.com)

May 2021 – Nov 2021 (6 mos)

Spinndle enhances student achievement through transparent formative assessment

- Led front-end development, and improved code base quality in areas such as design system, folder structure, type safety, tests, CI/CD, packages
- Stack: React, Emotion, Redux, TypeScript

Frontend Developer, [Hanson Robotics Limited](https://hansonrobotics.com)

May 2018 – Sep 2020 (2 yrs)

Hanson Robotics is an AI and robotics company dedicated to creating socially intelligent machines that enrich the quality of life

- Led the web-based control interface system, built features such as servos configurations page, servos real-time status, event-based prompts, webcam real-time integrations, chat prompt improvements etc.
- Onboard and mentor new engineers to take on robot operation tasks
- Achieved 100% business objective on every quarterly report
- 96% strongly-agree customer satisfaction
- Demo to 100+ events globally, including CES 2019, The Tonight Show (Jimmy Fallon), WorldSkills Kazan 2019, etc
- Stack: Mariontte.js, [ROS](https://www.robotics.org), Node.js, Python, Ubuntu 16.04

Direct Focus Online is an E-commerce company

- Developed E-commerce templates based on DotCMS
- Stack: DotCMS, JQuery, JavaScript, HTML, CSS

TECHNOLOGY SKILLS

| | |
|-------------|--|
| Programming | JavaScript, TypeScript, Lua, ZSH, Bash, Go, Rust |
| Web | CSS, Cypress, Express, Fetch, GraphQL, HTML, HTTP, Jest, Material UI, Next.js, Node.js, NPM, Prisma, React, React Query, React Testing-Library, REST API, Solid-start, Solid.js, Styled Component, Tailwind, TRPc, Vite, Volta |
| Tools | Git, NeoVim (AstroVim distro), VSCode, Zsh, Raycast, HomeBrew, Slack, Jira, Figma, Notion, GitHub Actions, GitHub, GitLab, BitBucket |
| Other | A/B testing, Accessibility, Agile Development, Code Review, Continuous-Integration and Deployment, Content Management System, Design System, Internationalization, Linux systems, Mentorship, Responsive Design, SEO, Storyblok, User Experience |

SIDE-PROJECTS

Personal Website

A personal website built with Next.js and TypeScript.

Rich features such as mini-apps, snippets, blogs, tests, GitHub actions, automated deployment and more...

Check out my website at brian-lau.ca

Blog

Technical blogging on various topics. As well as applying experiments with multiple technologies.

Read my blogs at brian-lau.ca/blog

Mentorship

Provide accessible mentorship with a focus on front-end development

My mentorship experience with 50+ sessions, 50+ mentees and 3000+ minutes

Book a mentorship session with me at adplist.org/mentors/brian-lau

INTERESTS

A camper, a barista, and a split keyboard enthusiast. Ask me anything about them :~)

More

To learn more about me, please visit my website brian-lau.ca

If I am whom you looking for, please schedule a time with me at cal.com/wtlau