

Brian Lau

Software Engineer (Frontend)

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WORK EXPERIENCE

Frontend Developer, [Data.ai](#)

Nov 2021 – Jun 2023 (1 yr 8 mos)

Data.ai combines consumer and market data with AI for insights

- Led frontend development of the Review Management feature that consists of 2 FE Engineers (IC3 and IC2)
- Implemented the frontend of a new magic-link login flow
- Implemented the 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 the free-users product line, and delivered multiple features, including IAP Renvue, Portfolio Analysis, Review Management and Connections
- 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.](#)

May 2021 – Nov 2021 (6 mos)

Spinnle enhances student achievement through assessment

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

Frontend Developer, [Hanson Robotics Limited](#)

May 2018 – Sep 2020 (2 yrs)

Hanson Robotics combines AI and robotics to create machines with social intelligences

- 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.
- Onboarded and mentored 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: Marionette.js, Robot Operating System ([ROS](#)), Node.js, JavaScript, Ubuntu 16.04

Direct Focus Online is an E-commerce company

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

TECHNOLOGIES & SKILLS

Programming	JavaScript, TypeScript
Web	HTML, React, React Query, Next.js, Solid.js
Style	CSS, Material UI, Styled Component, StoryBlok
Test	Jest, React Testing-Library, Cypress
Tools	Git, NeoVim, Raycast, Slack, Jira, Figma
Others	A/B testing, Accessibility, Code Review, Design System, Mentorship

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

Blogging on various technical topics

Recent blogs include: [JSX](#), [Code Reviews](#), [Introduction to Testing in React](#)

Read my blogs at brian-lau.ca/blog

Mentorship

Provide accessible mentorship with a focus on front-end development

Mentored 50+ sessions, 50+ mentees and 3000+ minutes and 4.83/5 satisfaction (18 reviews)

View my profile at adplist.org/mentors/brian-lau

INTERESTS

Camping, coffee and split-keyboard. Ask me anything about them :~)