

Darien Hong

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EXPERIENCE

Amazon Web Services — Solutions Architect Intern

Jun – Aug 2021 / Irvine, California (Remote)

- Designed a serverless architecture using AWS services and built a working prototype for a fan engagement platform using *Lambda*, *API Gateway*, *IoT Core*, *DynamoDB* and *Amplify*.
- Used the 'Working Backwards' process to write a PRFAQ and presented an architecture diagram and demo to mock customers.

SMB Legal — Software Engineer Intern

Jun – Aug 2020 / Santa Monica, California (Remote)

- For the start-up to have an MVP to present to investors and gain users, I built the full-stack website/software service from scratch using *ReactJS*, *postgreSQL*, *Node.js* and AWS services.
- Developed a colour scheme, layout and universal design for the UI to simulate a good UX and establish a branding for the company.

School R&D — UX/UI Researcher & Designer (Contract)

Jun – Aug 2020 / Montreal, Canada (Remote)

- Worked as a freelance *UX/UI* Researcher for an educational platform start-up and advised the Founder of design principles.
- Researched the foundations of UI Design and created a base design for the web application's dashboard and pages using *Figma*.

PROJECTS

BOLT 2019 FinTech Case Competition — Securicard

2nd Place / Montreal, Canada

- Created an iOS demo and business plan for a digital business card distributor software service for small businesses using *Swift*.

McWics Hackathon 2020 — Digi-Fridge

Sustainability Hack / Montreal, Canada

- As a sustainability hack, I worked on building a digital fridge mobile app using *React-Native* and *JavaScript* to help reduce food waste and increase organization and budgeting.

EDUCATION

McGill University

Sep 2018 – Apr 2022 / Montreal, Canada

Computer Science (BSc.)

Dean's Honours List

Maclean Murray Scholarship

Wing Hing Chan Scholarship in Science

TOOLKIT

Languages

Java, JavaScript, HTML/CSS, SQL, Python, TypeScript, C/C++, OCaml, Clojure

Tools and Technologies

React.js, AWS (Lambda, DynamoDB, API Gateway, IoT Core, Amplify, CDK), Node.js, PostgreSQL, Xcode, Git, Figma

COMMUNITY

Undergraduate Teaching Assistant

Jan 2022 – Present / McGill University

CSUS — VP Helpdesk

Sep 2020 – Present / McGill University

CSUS Helpdesk — TEAM Mentor

Jan 2020 – Present / McGill University

Design Collective — Web Developer

Jan – May 2021 / McGill University

Design Collective — VP Events

Jan 2020 – May 2021 / McGill University