

# Darien Hong

[darienhong.me](https://darienhong.me)

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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*