Darien Hong

darienhong.me
darien.hong@mail.mcgill.ca
647-636-3675

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