

Jonathan Hsu

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EDUCATION

Bachelor of Engineering – Software Engineering Co-op

2017- 2021

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant Courses: Data structures and algorithms, OOP, Web, Operating systems, Software Architecture

WORK EXPERIENCE

WEB DEVELOPER INTERN

SEPTEMBER 2018 – DECEMBER 2018

Genetec, Montreal, QC

- Implemented parts of a web tool that tracked parts in manufacturing for LPR cameras as a full-stack developer
- Built front-end pages and implemented front-end logic using Angular and TypeScript
- Developed back end modules and unit tests using a CQRS architecture pattern in C#

VOLUNTEER | EXPERIENCES

Marianopolis College – Private Tutor for Digital Electronics

APRIL 2018

ConUHacks IV – Hackathon Participant

JANUARY 2019

uOttHack II – Hackathon Participant

FEBRUARY 2019

PROJECTS

E-commerce Clothing Website (Personal)

- Built a fully featured e-commerce website using React, Redux and Firebase
- Implemented a payment solution using Stripe
- Project deployed at <https://crwnclo-live.herokuapp.com/>

Cover Letter Automator (Personal)

- Built an application to reduce redundant copy pasting in cover letters using Python and Tkinter

SpaceX Launch Data Retriever (Personal)

- Web application that displays SpaceX launch data using React, Express, Apollo, GraphQL and the SpaceX API

Area 51 (Academic)

- Created a spaceship simulator using OpenGL and C++ in a team of 6 where strong communication was an asset

Discord Bot (Personal)

- Built a bot for Discord that could give the weather and output images using the Discord API in node.js

Personal Website (Personal)

- Built and designed a website to showcase skills and experience using React

TECHNICAL TRAINING & INTERESTS

Programming Languages: Java, JavaScript (React.js, Node.js), TypeScript, Python, C#, HTML/CSS, MySQL

Tools and Technologies: Angular, Git, Spring, Visual Studio, IntelliJ, Adobe Photoshop CS6

Interests: Guitar, piano, power lifting, gaming