

📁 Experience

Back-end Developer

🏠 Videri

Nov. 2022 - Sep. 2023

- Implemented API endpoints to support a Digital Signage infrastructure
- Worked with a micro-service architecture
- Resolved bugs affecting the behavior of endpoints
- Flexed as a front-end developer when business requirements demanded it
- **Technologies:** TypeScript, NestJS, Java, Sprint Boot, React, Postgres

Full-stack Developer, Contractor

🏠 helloDarwin

Jul. 2023 - Sep. 2023

- Converted the tagging system from local JSON to Postgres to allow editing
- Reworked the front-end tag translation to use a back-end service
- **Technologies:** Go, React, TypeScript

Software Engineer, Intern

🏠 Autodesk

Jan. 2022 - Sep. 2022

Forge Data Team

- Developed a mock GraphQL server to allow customers to test the GraphQL API without authentication
- Serialized a tree data structure to JSON with the use of Polymorphism
- Devised a script to convert GraphQL schema to RST documentation files
- Conceptualized and implemented a React app to visualize a graph data structure and query results
- **Technologies:** TypeScript, React, GraphQL, RST

Software Engineer, Intern

🏠 SAP

May 2021 - Sep. 2021

Marketing Cloud Team

- Wrote OPA5 automated tests for the SAPUI5 Marketing Cloud application
- **Technologies:** JavaScript, SAPUI5, OPA5, ABAP

Software Developer, Intern

🏠 OrangeAd

Jun. 2020 - Dec. 2020

- Developed a drag and drop interface for creating individual slides as well as slideshow presentations
- Built a slideshow player to display the presentations with transition, image and video support
- Wrote Elasticsearch queries to aggregate data collected from sensors of digital displays
- Implemented an AWS Lambda functions to resize images into multiple dimensions
- **Technologies:** VueJS, JavaScript, Postman, AWS, NodeJS and GraphQL

💡 Projects

Personal Website

🏠 GitHub | Website

- **Technologies:** NextJS, Typescript, Tailwind, Material UI

RSA Encrypted Chat App

🏠 GitHub

- Implemented RSA encryption from scratch using Modular Arithmetic and Number Theory
- Real time chat application made for Android where messages are end to end encrypted
- Used Firebase as a backend for real time communication
- **Technologies:** Java, Android, Firebase

🎓 Education

Montreal, QC

🏠 Concordia University

Sep. 2019 – May 2021

- Bachelors in Computer Science
- GPA: 4.10/4.30 dropped out at 51/90 credits

🔧 Skills and Qualifications

Programming

Frontend: HTML • CSS • React • Vue • NextJS • Android Studio • Tailwind • Material UI • Flutter

Backend: NodeJS • Express • Spring Boot • GraphQL • Postgres • MongoDB • AWS Lambda • AWS EC2

Languages: JavaScript • TypeScript • Java • C++ • Python • Dart