









Experience

- Backend Developer****Nov. 2022 - Present**
- Software Engineer, Intern****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****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****Jun. 2020 - Dec. 2020**
OrangeAd Media Team
 - 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****Technologies:** NextJS, Typescript, Tailwind, Material UI
- Cringe Bot**
 - Discord Bot used in my Discord Server
 - Collaborative project with friends to make our Discord server more fun
 - Various features such as translating Chinese to English, Weather, Leetcode stats and more
 - Hosted on an AWS EC2 Instance to have it running at all time
 - Technologies:** Typescript, AWS EC2, Postgres, Discord.js, DeepL
- RSA Encrypted Chat App**
 - 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****Sep. 2019 – May 2021**
 - Bachelors in Computer Science
 - GPA: 4.10/4.30 dropped out at 51/90 credits
 - Relevant Courses: Object-Oriented Programming I & II; Operating Systems; Advanced Program Design with C++; Data Structures and Algorithms; Databases; Web Programming

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
- Operating Systems**
Windows • MacOS • Mobile (Android & iOS)