Jean Baptiste Merville

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SKILLS

Languages: JavaScript • Python • Java • TypeScript • C • C++ • HTML/CSS

Tools: Git • React Native • React • Redux • Gatsby • MongoDB • Heroku • Postman

EXPERIENCE

Amazon – Software Engineer Intern — May 2020 – September 2020

- I will be working with the Amazon Prime Video team during summer 2020.

Srvice – Full stack Software Developer — October 2019 – Present

- Improved mobile applications and web applications using React Native, following agile methodologies.
- Authored over 10 production-level features, including a set of screens to introduce users to the app after signup, a screen designed to reply to user requests of a service and share buttons for profiles and services.
- Produced internal documentation to explain Srvice's git workflow using tree illustrations.

York University – Teacher Assistant — January 2020 – Present

- Lead weekly classes for undergraduate Computer Science students, teaching object-oriented programming for mobile application development.
- Supervise 2 practical labs per week of 15+ students each, where I help students complete one android application like a calculator and a note encryption app.

Generali Group – Technical Support — May 2018 – August 2018

- Transferred and verified over 30,000 pdf files containing classified information about Generali's client into a database, using excel and internal software, allowing efficient updates and access of this data.
- Created a 5+ page document specifying a set of rules guiding how future updates of the databased should be performed to maintain consistency.

EDUCATION

York University — January 2017 - Present

- Candidate for a Bachelor of Science in Computer Science, Honours Degree, 3.8 Major GPA, awarded on the Chair's Honor Roll 2018-2019.

PROJECTS

CS Bot – Facebook Messenger Bot

- Developed and designed a bot that matches people looking to build projects together, using Node and Heroku.
- Connected the bot to a MongoDB database to allow filtering options like project ideas and availability.

Path Finder – Web Application

- Built an interactive visualization platform to represent popular search algorithms on a grid, using React.
- Implemented Dijkstra's algorithm, A* algorithm, Breath-First Search and divide & conquer maze generation.

Hide Your Notes – Google Docs Add-On

- Developed a Google Docs add-on that toggles the visibility of selected parts of the using Google Docs API.
- Created a legal document about the privacy policy of the add-on.

ACHIEVEMENTS

Genesys Hackathon - Winner — October 2019

- Integrated the Genesys REST API and React to create AI models that generate FAQs about university professors.
- Built a database of questions and answers by scrapping Ratemyprofessors.com and Reddit.com, using Python.