

JEREMY SOONG

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🐙 github.com/jsoon049

EDUCATION

University of Ottawa

Honors B.Sc. in Computer Science (CO-OP)
CGPA: 3.76/4.0

Expected Dec 2021

Ottawa, ON

EXPERIENCE

Mitel

January – April 2020

Software Developer Intern

Kanata, ON

- Developed a **REST API** using Elixir's Phoenix framework to add Application-to-Person (A2P) functionality to Mitel's SMS microservice.
- Implemented a wrapper class around Erlang's PO Box library for internal use to protect Elixir processes from becoming overloaded.
- Designed unit tests with the ExUnit framework, to increase the microservice's code coverage by 10%.
- Tools: **AWS, Elixir, Phoenix, ExUnit, Linux, JIRA, Git**

MNP

May – December 2019

Front-End Developer Intern (July – December)

Ottawa, ON

- Implemented a **mobile-first design** approach to develop custom components used to rebrand and modernize the MNP Debt website.
- Developed, maintained, and debugged new and existing React components across multiple client websites.
- Participated in code reviews and fixed bugs to ensure coherent user experience.
- Tools: **JavaScript, React, Node.js, Gulp, Sass, Bootstrap 4, jQuery, Git, Agile Development**

Software Developer Intern (May - July)

Ottawa, ON

- Assisted developing a plugin for internal use within Enterprise Architect using the .NET framework for CRM architects to better manage the design, configuration and development of Microsoft Dynamics solutions.
- Tools: **C#, .NET, Git, Agile Development**

PROJECTS

Honors Project

January 2021 – Present

- Currently developing tools for analyzing brain imaging data using Python with Professor Jason Steffener from University of Ottawa to examine the effects of aging in regard to Dementia.
- Tools: **Python, Scikit-learn, Pandas, NumPy**

Personal Project: MyVax Mobile App - github.com/TBBinc/MyVax_FrontEnd

February 2021

- Developed the user interface of a Covid19 Vaccine Passport mobile app for uOttHack 2021.
- Implemented code for geolocation and push notifications for the app.
- Tools: **React Native**

Personal Portfolio - github.com/jsoon049/js-portfolio

August 2020

- Tools: **React, Gatsby.js, and GraphQL**

RELEVANT COURSEWORK

Intro to Software Engineering, Data Structures & Algorithms, Design & Analysis of Algorithms, Operating Systems, Databases, Intro to Data Communication & Networking, Intro to Artificial Intelligence, Fundamentals of Data Science

SKILLS & INTERESTS

Languages Java, Python, JavaScript, HTML, CSS/SASS, GraphQL, SQL, C++, Golang

Libraries & Frameworks: Node.js, React, React Native, Gatsby.js, Bootstrap 4, Scikit-learn

Technologies: AWS, Git, Linux, JIRA/Confluence, PostgreSQL

Interests: Tennis, Basketball, American Football, Powerlifting, Traveling, Music, Cooking