JEREMY SOONG

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EDUCATION

University of Ottawa   **Expected Dec 2021**
Honors B.Sc. in Computer Science (CO-OP)   Ottawa, ON
CGPA: 3.76/4.0

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   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**

Harbourfront Centre   **May – August 2018**
Web Developer Intern   Toronto, ON
- Developed an internal Employee & Equipment Directory web app for the IT department.
- Generated queries with SQL to store and access information from the database.
- Tools: **JavaScript, PHP, SQL, SQL Server**

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 uOttaHack 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