IAN DESSON

✉ ian.desson@outlook.com 📞 613 8051760 in linkedin.com/in/ian-desson/ ○ ianDesson

EDUCATION

University of Ottawa   Sept. 2017 to Dec. 2021
Bachelors in Applied Sciences Software Engineering
Relevant Courses: UX and UI Analysis, Databases, Data Structures and Algorithms, Operating Systems

EMPLOYMENT

University of Ottawa   Ottawa, ON
Software Developer   Apr. 2020 to Aug. 2020
- Responsible for maintaining a webapp used by students, to apply for and manage exam and course accommodations
- Using **JQuery**, **PHP** and **HTML**, improved the client's workflow by reducing the number of interactions necessary by 67%
- Developed a data migration of over 30,000 rows of data to follow a new workflow as part of an application overhaul

Nuance Communications   Montréal, QC
Software Development Intern   Sept. 2019 to Dec. 2019
- Used **React**, **SASS**, and the **Bootstrap** library to develop the Mix NLU and Dashboard Single Page Applications used by external and internal clients
- Reduced the number of API calls from 14 to 1 in an internal NLU tool resulting in less bandwidth usage from clients and to our servers
- Setup **Gitlab CI/CD** for continuous deployment on JFrog **Artifactory** for a new internal library of React components

Cision Inc   Ottawa, ON
Software Developer (Co-op)   Jan. 2019 to Apr. 2019
- Maintained the **Java** QA Automation Framework for an internal REST API that receives and delivers analysis on millions of documents per day
- Fixed an issue with a deployed instance of the product on AWS, saving thousands of dollars in potential losses of data
- Fixed issues with verification of user input to the REST API and sorting the results returned to the user

Field Effect Software   Ottawa, ON
Software Developer (Co-op)   Apr. 2018 to Aug. 2018
- Developed automated tests for verifying the detection of external and internal security vulnerabilities
- Automated tasks in **Ubuntu**, Mac OS X, centOS and Windows virtual machines for network security verification
- Developed a tool, using **Python**, that tracks employee usage of USBs by making calls to an internal API

PROJECTS

Gander   July 2019
- Developed a sample UI to exemplify UX heuristics and to perform analysis
- Used the React-Router and Material-UI libraries to quickly deploy a webapp for demonstration

Event Planning App   Feb. 2019
- A mobile app that scans event posters and automatically creates Google Calendar Events for them
- Responsible for sending requests to the Google Calendar API to create the events

Home Service Provider App   Sept. 2018 to Nov. 2018
- Developed a mobile app for delivering home services directly to consumers
- Used Android Studio and Google Firebase for hosting the database

SKILLS

PROGRAMMING LANGUAGES: Java, Python, JavaScript
TECHNOLOGIES: React, PostgreSQL, Git, SASS, Docker, Linux & Bash, NodeJs, MariaDB