

MATTHEW SUN

4TH YEAR COMPUTER SCIENCE AND BUSINESS ; DOUBLE DEGREE STUDENT

matthewsun3@gmail.com | matthewsun.ca | github.com/sunmatthew

SKILLS

Programming Java, HTML/CSS, JavaScript, Bash, C/C++, Python

Experience Full stack web, OOP, REST

Tools/Frameworks Firebase, Struts2, React, Node, Express, Flask, GraphQL

EXPERIENCE

IBM

Markham, ON

SECURITY SOFTWARE DEVELOPER

JAN. 2019 – APR. 2019

- Developed a web application using **React, Node, GraphQL, and MongoDB** with deployment on **IBM Cloud** to support continuous security monitoring requirements by the CISO team
- Created scheduled jobs in **Jenkins (Python scripts)** for an internal compliance task reminder system for offering managers across 50 different teams
- Made automation scripts in **Python** to eliminate manual GitHub task creation and monitoring

OpenText

Toronto, ON

SOFTWARE DEVELOPER

JAN. 2018 – APR. 2018

- Built a **Java application** to automate data parsing for **JMeter performance test** output
- Utilized the **Java API for RESTful Web Services** to create a **JUnit test suite**
- Configured and performed backup and restores of an **Oracle DB** to simulate software downtimes and presented the strategy to a team of developers

Canada Company

Toronto, ON

WEB DEVELOPER

MAY 2017 – Present

- Debugged and patched security flaw in the **Apache Struts2** framework (Java)
- Developed a job analytics tracking system using **Java, JavaScript**, and integrating a **MySQL** database to provide market data for over 250 employers

PROJECTS

ChiPic (<https://github.com/sunmatthew/chipic>) (HackTheSix 2018)

AUG. 2018

- Developed webapp using **Python+Flask**, that uses the **Tesseract OCR engine** and DigiKey API

Double Degree Club Website (<https://github.com/ddclub/ddclub.github.io>)

JUL. 2018

- Used **React** and headless API-based CMS – Prismic for a redesign of the club website

EDUCATION

University of Waterloo – Bachelors of Computer Science

2016 – 2021

Wilfrid Laurier University – Bachelors of Business Administration

2016 – 2021