Hamzah Abouseta

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LINKS

Github:// **hamzahabouseta**
LinkedIn:// **hamzahabouseta**
Portfolio:// **habouseta.me**

EDUCATION

UNIVERSITY OF OTTAWA

BASc in Software Engineering
Expected Graduation: April 2022
Currently in third year
Deans List 2020

VOLUNTEER WORK

FELICITY APP (TEAM LEAD)

• Felicity is an IOS and Android task-management application that helps increase productivity using physiological research

• Worked on designing the UX and UI of the application using Figma

• Currently working on developing the application using Flutter and Firebase for data management

• Estimated completion date is March 2021

CODE UP (CO-FOUNDER)

• Co-founded a summer camp to teach children (ages 8-12) the fundamentals of programming

SKILLS

LANGUAGES

Proficient:
Java • HTML • JavaScript • CSS/SCSS
PHP • Python • JSON • Dart (Flutter) •
XML • SQL

FRAMEWORKS

React • NodeJS • Android • Bootstrap •
Django • Typescript

TOOLS

Eclipse • IntelliJ • Android Studio •
PyCharm • WebStorm • Visual Studio •
JIRA • Confluence • Git • BitBucket •
Figma • Unix • Bash • Windows

EXPERIENCE

RIBBON COMMUNICATIONS | Software Verification Engineer

Sep 2020 - Dec 2020 | Ottawa, ON

- Developed an automated tool using Python that converts Application Server (AS) fault and alarm XML's to structured excel files
- Developed a tool using Python that takes in 2 different releases of AS and creates a structured excel file with the new, changed, and deleted between them
- Increased efficiency in the department by approximately 5%
- Created a pre-automation setup script for Call Processing features using Java Web Services

DEPARTMENT OF NATIONAL DEFENCE | Software Developer

Jan 2020 – April 2020 | Ottawa, ON

- Used data-centric architecture principles to create an index-query-view application in java to allow a user to input a keyword and output results related to the search in a built-in file browser. The user can then click on a the file and view the contents in the panel of the application
- Used Docker to containerize client-server Node.js applications
- Configured NGINX to work as a load balancer and reverse proxy in Node.js applications
- Learned about data source integration and interoperability as well as social media scraping and analysis

NOKIA | Junior Laboratory Technician

Feb 2018 – June 2018 | Ottawa, ON

- Assembled power blocks, shells, AC power supplies, and fans for router prototypes
- Installed and configured KVM on Linux server machines
- Installed windows 7 images with OS hardening on 300+ lab workstations and log monitoring software on oscilloscopes
- Fulfilled client requests of building small card assemblies, adding mounting standoffs to interposers, and constructing thermal couples

PERSONAL PROJECTS

CHECKERS GAME WITH AI | Python

Developed an AI checkers game using Python and the Minimax algorithm

WEATHER APP | JavaScript

Created a modern and clean dynamic weather app with React JS and the Open Weather Map API

TO-DO-LIST APP | JavaScript

Created a to-do-list app using React JS to add, delete, and edit entries

INSTAGRAM UNFOLLOWER CHECKER | Python

Developed a program using Python and Selenium that can find out who is not following on Instagram