

Hamzah Abouseeta

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LINKS

Github:// [hamzahabouseeta](#)
LinkedIn:// [hamzahabouseeta](#)
Portfolio:// [habouseeta.me](#)

EDUCATION

UNIVERSITY OF OTTAWA
BASC IN SOFTWARE ENGINEERING
AND ENGINEERING MANAGEMENT
• Fourth year student - 3.8 GPA
• Expected Graduation: Dec 2022

SKILLS

LANGUAGES

Python • Java • SQL • HTML • JavaScript
• TypeScript • CSS/SCSS • PHP • JSON •
Dart • XML

FRAMEWORKS

React • NodeJS • Android • Bootstrap •
Flutter • Django • Typescript • Gatsby •
Angular

TOOLS

Eclipse • IntelliJ • Android Studio •
PyCharm • WebStorm • Visual Studio •
VMWare • JIRA • Confluence • Git •
BitBucket • Figma • Unix • Bash •
PostgreSQL/pgAdmin • Selenium •
Datastage • Teradata • Power BI

VOLUNTEER WORK

CODE UP

Taught students (ages 8-12) the
fundamentals of programming by creating
and teaching a thorough curriculum with
Scratch and Python

PROJECTS

WEATHER WEB APP

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

TO-DO-LIST WEB APP

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

ROAD LANE DETECTOR

Developed an OpenCV Python program to
detect lanes on roads for self-driving cars

EXPERIENCE

SOFTWARE FOR LOVE | SOFTWARE ENGINEER

August 2021 – Present | Ottawa, ON

- Software For Love is a charitable software solution organization
- Assisted in designing and building the new uOttawa Engineering Student Society website using React and Gatsby, ensuring modularity and reusability of components
- Implemented new features and bug fixes for the Santropol Roulant volunteer management system using Angular, Typescript, and Firebase

FELICITY | PROJECT MANAGER

Sep 2020 - Present | Ottawa, ON

- Felicity is an IOS and Android task-management analytics application that helps increase productivity using psychological research
- Effectively leading a team of 10+ developers
- Reviewed over 30 pull requests ensuring high quality, modular code
- Application is being developed using Flutter and Firebase

INNOVAPOST | DATA ANALYST

May 2021 - August 2021 | Ottawa, ON

- Optimized SQL queries in order to increase data efficiency and speed
- Identified common job error codes within IBM Datastage and applied solutions to fix them
- Created dashboards with Power BI by importing 3 million+ SQL records and converting them into visualizations for the client
- Worked in an Agile environment with regular stand ups and a focus on peer reviewed development
- Researched surrogate key usage within the Teradata database and presented the best alternative to the Senior Data Architects

RIBBON COMMUNICATIONS | SOFTWARE VERIFICATION ENGINEER

Sep 2020 - Dec 2020 | Ottawa, ON

- Developed an automated tool using Python that converts Application Server (AS) faults and alarms to structured excel files, and displays the new, changed, and deleted items between them
- Continued to modify tool structure as well as write detailed documentation to ensure all clients were satisfied
- Reduced 5 hrs/week of manual work
- Created pre-automation setup scripts 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
- Created unit tests for all new code
- Used Docker to containerize client-server Node.js applications
- Configured NGINX to work as a load balancer and reverse proxy in Node.js applications