Joseph Diab

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EDUCATION

UNIVERSITY OF OTTAWA | BASc COMPUTER ENGINEERING, ENGINEERING MANAGEMENT AND ENTREPRENEURSHIP OPTION   Ottawa, ON | 2019 - 2023

CEGEP DE L'OUTAOUAIS | Natural Sciences   Gatineau, QC | 2016 - 2019

EXPERIENCE

PRINCIPAL PUBLISHER | Back End Developer   Gatineau, QC | May 2023 – Present

- Updated websites with JavaScript, HTML, and PHP
- Debugged issues in exsiting tools
- Maintained various websites
- Tracked progess in an agile like manner through Jira

EMPLOYMENT AND SOCIAL DEVELOPMENT CANADA | Web Developer   Gatineau, QC | Sep 2022 – April 2022

- Developed internal tools for web analysts using PHP, HTML, JavaScript, MongoDB
- Worked with API calls to Adobe Analytics server through Curl
- Managed a Page Analytics Tool project and wrote user stories
- Gained data-science experience by working with Adobe Analytics, Anaconda, Python, and Pandas

CANADIAN AIR TRANSPORT SECURITY AUTHORITY (CATSA) | IT SYSTEMS SUPPORT   Ottawa, ON | Sep 2020 – Aug 2022

- Provided complete IT technical support services, troubleshooting and system operation.
- Created support tickets using a web based ticketing system to track and deliver services
- Installed, serviced, and configured over 500 Windows computers.
- Effectively documented incident management requests with their resolution.

SKILLS

Programming Languages	Python, Java, JavaScript, PHP, C
Frameworks	React.js, Node.js, Express.js
Database Management	MySQL, PostgreSQL, MongoDB
Object-Oriented Programming	Functions, Pointers, Tables, Dynamic memory allocation, Recursivity
Soft Skills	Problem-solving, Teamwork, Leadership, Time management

PROJECTS

EPORTFOLIO | HTML, CSS, JavaScript   https://josephdiab.github.io/ePortfolio/
Designed a personal website to showcase my personal projects completed.

FALL DETECTION SYSTEM | Raspberry Pi 4, Python, OpenCV, Hardware components
Created a fall detection system using a raspberry pi 4, a touchscreen display, and many more hardware components, that uses python and opencv for fall detection and alerts emergency contacts via 4g network.

COCIRCLE | Swift, Xcode, Firebase
CoCircle is an iOS application intended to help people make new friends in their area. This app is still under construction.