Joseph Diab

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Professional Summary

As a recent Computer Engineering graduate, I possess a strong passion for software development, complemented by my ability to independently solve complex problems. I am eager to apply my technical skills and enthusiasm for continuous learning to make a significant impact in a dynamic software development team.

Education

UNIVERSITY OF OTTAWA   Ottawa, ON
BASc Computer Engineering, Engineering Management and Entrepreneurship Option   Sep 2019 - Dec 2023
- Completed coursework in Data structures and Algorithms, Databases, Computer Architecture, Real-time Systems and User Interface Design as well as Marketing and New Venture Creation

CEGEP DE L'OUTAOUAIS   Gatineau, QC
BASc Natural Sciences   Sep 2016 - Jun 2019
- Completed coursework in Physics, Chemistry, Calculus, and Linear Algebra

Experience

Gov. of Canada   Gatineau, QC
Backend Developer Student – ESDC   May 2023 – Present
- Provided technical support in the design, development, integration, implementation, and maintenance of software solutions.
- Collaborated with the development team to ensure the implementation of web accessibility standards following WCAG 2.1 guidelines.
- Maintained version control through Git and Jira assisting in collaboration and documentation

Web Analytics Student - ESDC   Sep 2022 – May 2023
- Developed new features on an internal tool for web analysts such as customizable date ranges by making API calls with Curl to Adobe Analytics server and using PHP, HTML, JavaScript, and MongoDB.
- Participated in analyzing, defining, and documenting client requirements.
- Gained data science experience working with Adobe Analytics, Anaconda, Python, and Pandas.

CATSA   Ottawa, ON
IT Service Desk Student   Sep 2020 – Aug 2022
- Provided comprehensive IT technical support services and troubleshooted system operations.
- Created support tickets using a web-based ticketing system to track and deliver services.
- Installed, serviced, and configured over 500 Windows computers.

Projects

ePortfolio (JavaScript, HTML, CSS)   Ottawa, ON
Developer   Jan 2021 – Present
- Built my ePortfolio to display my personal projects and interests. Includes a movie catalogue, a video game catalogue, and a to do list.

Fall Detection System (Python, C++, Flask)   Ottawa, ON
Team Leader and Developer   Jan 2023 – Dec 2023
- Coordinated a team of future engineers to design, implement, and deploy a live time fall detection system that notifies emergency contacts using machine learning on a Raspberry Pi.

Skills & Interests

Technologies: Java, Python, JavaScript, PHP, HTML, CSS, React.js, C++, Git, Jira, Bootstrap, SQL
Languages: English, French, Arabic
Interests: Artificial Intelligence, Blockchain, Stocks, Gym, Sports, Gaming, Crypto