MICHAEL D'SILVA

Third-year Software Engineering Student

Western University (UWO), Bachelor of Engineering Science Candidate (May 2021)

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LEADERSHIP/SKILLS

- High School Class Valedictorian
- Experience with Object Orientated programming: C++, C#, Java
- Experience with the Waterfall and Agile software development methodologies
- Proficient in Microsoft Office (Word, Excel, PowerPoint, and Outlook) and Google Suite (Docs, Sheets, and Slides)
- Front-end Developer: HTML, CSS, JavaScript, front-end frameworks (Angular, Vue.js)
- Back-end Developer: Node.js, Express, NoSQL (MongoDB, Firebase), SQL
- Experience with Git and Jira

EXPERIENCE

TERANET, STUDENT (ENTERPRISE ARCHITECTURE TEAM)   May–Aug 2019

- Designed new SharePoint site for Architecture Team
- Redesigned Architectural process flows
- Automated processes using Microsoft Flow
- Completed evaluations of technologies

TERANET, STUDENT (ENTERPRISE ARCHITECTURE TEAM)   May–Aug 2018

- Conducted research and analysis for the Technology Architecture Group
- Attended Technology Architecture Group meetings
- Communicated with vendors to acquire information, and schedule presentations and meetings
- Performed testing and evaluation of emerging, opensource, off-shelf and in-house applications
- Participated in Proof of Technology (POT) by creating manual for application(s) being tested
- Cataloged all documentation for Teranet's applications and stored files on SharePoint site

PROJECTS

PERSONAL WEBSITE (MICHAELDSILVA.COM)

- Personalized website designed using Vue.js framework

FULL STACK WEB APPLICATION

- The web-app was created for a final project for a Web Technologies course
- Web-app made with the MEAN stack (MongoDB, Express, Angular, and Node.js) and hosted on AWS

SPACE INVADERS INSPIRED GAME

- This "space invaders inspired game" was created in collaboration with two other software engineering students.
- The game's scripts were coded in C# and the assets and scenes were created in Unity.

RELATIONAL DATABASE APPLICATION

- Created a relational database application with PHP that accesses a MySQL database through SQL commands

ANDROID APPLICATION

- Created an Android Application to help people go to bed on time with a team four other software engineering students
- The app was created in Android Studio with Java

EXTRA-CURRICULAR & OTHER EXPERIENCE

WESTERN AI, PROJECT MANAGER   Oct 2019–Present

- Project Manager for AI project pertaining to medical imaging
- Worked with team to set deadlines and formulate checkpoints to achieve goal

WESTERN MANAGEMENT CLUB, MANAGEMENT CONSULTANT   Oct 2018 –Present

- Worked in a team to provide pro bono consulting services for local businesses in London, Ont
- Followed a strict timeline to produce deliverables as per client specifications