

Salwa Mohamed

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WORK EXPERIENCE

STATISTICS CANADA | SYSTEM DEVELOPER

May 2021 - May 2022 | Remote

- Developed and improved an **open-source** platform for data science and machine learning practitioners
- Produced a feature that provided users secure access to classified data using **Terraform**, **Microsoft Azure**, and **Open Policy Agent**
- Managed and deployed resources on a **Kubernetes** cluster
- Operated in a software development environment that uses **Agile Scrum** with sprints every two weeks

UNIVERSITY OF WINDSOR | TEACHING ASSISTANT

September 2019 - April 2021 | Windsor, ON

- Administered classes of over 100 students by grading, evaluating, and monitoring student progress
- Co-ordinated weekly lab sessions to advise, instruct, encourage, and teach students to approach problems from a technical standpoint resulting in excellent grades

EDUCATION

BACHELOR OF COMPUTER SCIENCE (HONOURS) | UNIVERSITY OF WINDSOR

May 2019 - April 2023 | Windsor, ON

- Specialization in Software Engineering

PROJECTS

MEDICAL DIAGNOSIS SYSTEM April 2021

- Organized a Medical Diagnosis System using **Python**, **Flask**, **HTML**, **Bootstrap**, and **Heroku** through collaboration with two teammates
- Compiled a data set of 26 diseases against 70 symptoms through extensive research

SIDE SCROLLER PLATFORMER GAME December 2020

- Engineered a side scroller platformer game similar to Super Mario made in **Unity** with **C#** alongside 3 teammates
- Coded features including movement, enemies, power-ups, collectables, and 3 levels of increasing difficulty

SKILLS

PROGRAMMING

Languages & Frameworks

Go • Java • C • C# • Assembly • SQL • HTML • CSS • JavaScript • Bootstrap

Tools

GitHub • GitLab • Jira • Visual Studio Code • Eclipse • IntelliJ

Other

Kubernetes • Docker • Terraform • Microsoft Azure • CI / CD • Microservices • Agile / Scrum