

ABDULLAH WASEEM

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SUMMARY

- Successfully completed second year software engineering study with 3.50 Of 4.33 GPA.
- Offering a strong foundation in software engineering, programming, and testing principles.
- Superior technical and behavioural problem solving skills gained through software engineering projects and security officer duties.
- Excellent leadership and teamwork skills gained through team projects and extracurricular activities.

TECHNOLOGY SUMMARY

- **Software:** C#, JavaScript, HTML5, CSS3, Python, Office Suite.
- **Design Tools:** UML, Jest, Selenium, ASP.NET, Visual Studio.

EDUCATION

Bachelor of Engineering (B. Eng)

Ontario Tech University

Software Engineering

Graduation, May 2023

- **Current GPA:** 3.50/4.33
- **President's List:** Fall 2020

PROJECT EXPERIENCE

Content Based Image Retrieval

Data Structures and Algorithms

Python

Ontario Tech University

- Created Python based image retrieval and search algorithm in collaboration with 2 developers.
- Implemented Radon Barcode transformation to sort and categorize 60,000 images within 45 seconds.
- Developed Hamming Distance algorithm to search and retrieve images within 90% accuracy.
- Tested and refined algorithm to reduce Big O time complexity.

WeatherSimple

Principles of Software and Requirements

Web Design – HTML/CSS/JavaScript

Ontario Tech University

- Performed as Team Lead in team of 3 developers to brainstorm and create efficient working website.
- Applied Software Development Life Cycle (SDLC) methods in development process.
- Developed and implemented weather data website using HTML5, CSS3 and JavaScript.
- Implemented tools such as OpenWeatherMap API and Location IQ API to present functionality.
- Built and executed automated unit and integration tests using Jest and Selenium.

EMPLOYMENT

Technical Service Assistant

Ontario Tech University

May 2021 – Present

Oshawa, ON

- Developed inventory management system web app using Entity Framework with ASP.NET to catalogue thousands of lab equipment and tools.
- Preserved functionality of lab equipment to ensure equipment and operator safety.
- Performed inventory and component maintenance.
- Completed written lab reports and Material Safety Data Sheets (MSDS).
- Facilitated safety testing and completion of laboratory experiments.
- Designed, modified, and maintained Ontario Tech University laboratory database to fully enable support systems.