

ABDULLAH WASEEM

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OBJECTIVE

- Second year B.Eng. student, offering a strong foundation in software engineering, programming, and testing principles.
- Experienced in Data Structures and Algorithms, Object-Oriented Programming and Software Development Life Cycle.
- Quickly learn and master new technologies, successful working in both team and self-directed environments.

TECHNOLOGY SUMMARY

- **Software:** C++, Java, JavaScript, HTML5, CSS3, Python
- **Design & IDE Tools:** UML, Visual Studio, IntelliJ IDEA, Bootstrap, Jest, Selenium

EDUCATION

Ontario Tech. University

Faculty of Applied Science and Engineering

Sept. 2019 – May 2023

Oshawa, ON

- Bachelor of Engineering (B.Eng.) – Software Engineering (GPA: 3.54/4.33)
- Programming Coursework: Object Oriented Programming and Design, Web Programming, Data Structures, Principles of Software and Requirements Engineering, Statistics for Engineers

PROJECTS

Content Based Image Retrieval

- Created Python based image retrieval and search algorithm
- 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

- 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, Location IQ API and React.js to present quality user interface and functionality.
- Built and executed automated unit and integration tests using Selenium

EMPLOYMENT

Computer Solutions Advisor

Best Buy Canada

Sept. 2019 – Jan. 2021

Oshawa, ON

- Passionately sold various personal, home and business technology products.
- Provided front line customer service and technical support for corporate, small business and personal accounts.
- Attained knowledge inline with current mobile and personal computer technology advancements, including IOS, Windows, Office Suite and Android operating systems.
- Utilized software and resources such as Citrix, Workday and NCR Advanced Store Point of Sale (POS) for instore and employee communication efficiency.
- Supported team members in development and daily activities to ensure operational excellence and positive Net Promoter Score (NPS).