

# ABDULLAH WASEEM

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## OBJECTIVE

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- 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

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

## EDUCATION

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### 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

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### 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

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### Computer Solutions Advisor

Best Buy Canada

Sept. 2019 – Jan. 2021

Oshawa, ON

- Collaborated with sales team and managerial staff to ensure store standard and satisfaction.
- Advised customers on purchase of devices suited for personal and business needs
- Communicated benefits of in-store services and products to generate store revenue.
- Maintained product demo functionality and setup to allow customers to actively view products.