

OSAMA SHAIKH

Information Technology Student at Ontario Tech University
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Portfolio: <http://osamaahmedshaikh.github.io/>

HIGHLIGHTS OF QUALIFICATION

Industry Skills:

- Strong programming experience in **C++**, **C#**, and **Python** using Microsoft's Visual Studio, PyCharm, Anaconda, and Jupyter.
- Great understanding of Web programming languages specifically in the areas of **HTML5**, **CSS3**, **JavaScript (TypeScript)**, **jQuery**, **Angular**, and **Node (Express)**, **PHP** in creating server-side scripting.
- Highly skilled with Database languages such as **SQL**, **NoSQL**, **JSON**, and **MongoDB**.
- Familiar with Linux-based operating systems such as **Fedora** and **Ubuntu** and able to perform basic tasks/commands
- 8+ years of Microsoft Office experience through working on various school-related projects
- Solid understanding of computers, maintenance, and troubleshooting (Windows Operating Systems)

Soft Skills:

- Excellent communication and interpersonal skills with the ability to accept and learn from criticism
- Ability to work in a fast-paced environment either individually or as a team while also being able to adapt to change
- Strong leadership, time-management, and organization skills with the ability to make decisions on the fly
- Passionate about learning new technology and always up-to-date with the latest gadgets and trends of the market

EDUCATION

B.IT (Honors) in Technology Management, Ontario Tech University

2016 – 2021

- Relevant courses: Special Topics in Robotics, Database systems, Web Programming, Object-Oriented Programming, Network Systems.

PROJECTS

Cryptographic Encryption Converter

- Successfully developed an encryption converter that would perform in converting English words into 6 random encrypts (RSA, Substitution, Product, Transposition, Caesar, and Playfair).

Web Content Management System

- Designed and developed the back-end (or server-side) part of a web content management system for our faculties. (**PHP** and **Node (Express)** for back end development).
- The website was engineered to present various contents including a homepage, research group page, publication page, news page, and/or teaching page. (**HTML5**, **CSS3**, **JavaScript**, **Angular**, **jQuery** for front end development).

COMPLETED LABS

Web and Script Programming Labs

- Lab 3 – Building Simple Website with HTML, CSS, JavaScript
- Lab 5 – Validating Forms Through jQuery
- Lab 6 – Initializing and Reloading Data to Angular
- Lab 8 – Initializing Node Express
- Lab 9 – Transferring Raw Data JSON into MongoDB
- Lab 10 – Updating Profile Picture Through Admin Form
- Lab 11 – Setting up MongoDB in PHP

Object Orientated Programming Labs

- Lab 1 – Classes
- Lab 2 – Inheritance
- Lab 3 – Overloading Operations
- Lab 4 – Polymorphism
- Lab 5 – Data Structure
- Lab 6 – Exception Handling
- Lab 7 – GUI Programming

WORK EXPERIENCE

Security Guard, Zara Store, Scarborough, ON

Sep 2019 – Mar 2020

Cashier, Tim Hortons, Markham, ON

May 2016 – Jun 2019

EXTRA-CURRICULAR ACTIVITIES AND INTERESTS

- Executive Member at OTU Robotics and Computer Science
- Basketball, soccer, technology, video/photo editing

Sep 2017 – Currently