

Muhammad Shah

Computer Engineering | University of Waterloo

Languages and Tools Experience

C#

Jenkins

Bladelogic

Ansible

Powershell

JavaScript

CSS3 & HTML5

Bootstrap

Python

VHDL

Fall 2018

Software Developer, ADP Canada, Mississauga

- Worked as a DevOps engineer on the continuous releases of over 20+ of the companies applications performing packaging, deployment and releases of each application using configuration management tools such as Jenkins, Ansible and Bladelogic.
- Created automatic testing framework that performs health checks on dozens of companies applications once they are deployed to an environment or when there is an updated release saving dozens of hours of testing for QA team.

Winter 2018

Programmer & Network Tech., Cedarbrae Medical Center, Toronto

- Designed pages with WordPress using tools in PHP, Javascript and CSS to create a dynamic interactive website that was optimized for use across multiple types of devices
- Maintained and scaled the clinic's computer network by 30 users by configuring addressing for each computer to clinic's subnetworks

Contacts

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647-710-0434

Projects

Education

University of Waterloo,
Bachelor of Applied Science
Computer Engineering
2017-2022

Fall 2017

Personal Site, sibcgh.github.io

HTML, CSS, JavaScript

- Developed personal website to showcase personal achievements and practise knowledge in HTML, CSS, JavaScript and Bootstrap framework.
- Website optimized for mobile and desktop viewing

Winter 2017

LED Lights Case Project

C++, Arduino, Raspberry Pi 2

- Programmed Arduino Uno controller in C++ for LED lights stripe
- Completed circuiting and soldering for project's hardware

Fall 2016

2D UnityEngine Game: Legend of Kellawan

C#, Unity

- Co-developed a "rouge-like" game with the Unity Engine that was similar in fashion to popular games such as the original Legend of Zelda
- Used principles of Object-Orientated Programming such as inheritance and encapsulation for objects and classes within the design of the program
- Developed player and enemy mechanics such as movement, attack and interaction mechanics

Interests

Distance Running

Soccer

Computer Hardware

Innovation and Technology

Web Development

Network Architecture

Arduino

Distinctions

2017

CCNA Routing & Switching: 1-4

Cert.

- Completed certification of CCNA R&S 1 - 4 with Cisco Networking Academy
- Experience with 1941 Routers and 2960 Cisco Switches and various other computer networking equipment to create scalable and efficient networks

2017

Platinum Status EcoSchool (93.10/100)

Club.

- Ontario high schools that achieve high standard in environmental learning and initiatives