

MUHAMMAD SHAH

COMPUTER ENGINEERING BASC

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SKILLS

Programming Languages: C, C++, C#, Python, VHDL, JavaScript, HTML/CSS, Powershell, PHP, Assembly (LMC & RISC-V)

Tools and Technologies: Git, SVN, TrueSight Server Automation, Jenkins, Selenium, Bootstrap, Unity3D, Cisco IOS, Arduino, Raspberry Pi, TI MSP430

EMPLOYMENT

ADP Canada

DevOps Software Developer

Mississauga

Sept. 2018 to Dec. 2018

- Created automatic testing framework in a team of two with Selenium that performs health checks on companies applications on delivery and performs checks 400% faster than manual testing. Report generated of all failed or successful tests and sent over email to team.
- Provided support on continuous delivery on over **10+** of the companies applications to different development and testing environments
- Gained proficiency configuration management tools such as *Jenkins* and *TrueSight Server Automation* as well as different scripts to automate the process.

Cedarbrae Medical Center

IT & Network Tech

Toronto

Jan. 2018 to Apr. 2018

- 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

PROJECTS

Personal Site

Winter 2017

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

2D UnityEngine Game: Legend of Kellawan

Fall 2016

- Led team to develop a "rogue-like" game with the *Unity Engine* that was similar in fashion to original The Legend of Zelda
- Used best practice for designing programming architecture utilizing *inheritance* and *encapsulation* for better scalability and collaboration
- Developed player and enemy mechanics such as movement, attack and interaction mechanics

AWARDS

CCNA Routing & Switching: 1-4

2017

- Completed certification of CCNA R&S 1 - 4 with Cisco Networking Academy
- Understanding of routing protocols (*BGP* and *OSPF*), management protocols such as (*SNMP*, *TFTP*, *ssh*) and tunneling protocols such as *IPSec*
- Able to configure and create a variety of different networks using different topology structures to create scalable and effectively structured networks
- Experience primarily with 1941 Routers and 2960 Cisco Switches and various other computer networking equipment