Muhammad Shah

Computer Engineering, BASc.

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SKILLS

Programming Languages: C, C++, C#, Python, VHDL, JavaScript, HTML/CSS, Powershell, PHP, Assembly (LMC & RISCV)
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   Sept. 2018 to Dec. 2018
• Created automatic testing framework using Selenium which performed health checks on company's applications on delivery and performs checks 4X faster than manual testing
• Gained proficiency with configuration management tools such as Jenkins and TrueSight Server Automation as well as different scripts to automate the process
• Provided support on continuous delivery on over 10+ of the companies applications to different development and testing environments

Cedarbrae Medical Center
IT & Network Tech   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 a clinic's computer network by 30 users using configuration addressing for each computer to clinic's subnetworks

PROJECTS

Personal Site   Winter 2017
• Developed a personal website to showcase personal achievements and practice knowledge in HTML, CSS, JavaScript and Bootstrap framework.
• Website optimized for mobile and desktop viewing

2D Unity Engine Game: Legend of Kellawan   Fall 2016
• Led a team to develop a "rogue-like" game with the Unity Engine in C# that was similar in fashion to Nintendo's original The Legend of Zelda
• Used best practices 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
• Gained understanding of routing protocols (BGP and OSPF), management protocols such as (SNMP, TFTP, ssh) and tunneling protocols such as IPSec
• Proficient in configurating and creating a variety of different networks using different topology structures to create scalable and effectively structured networks
• Primary experience with 1941 Routers and 2960 Cisco Switches and various other computer networking equipment