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Michelle X. Lin

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| Experience |  | **Summer Tech Help – Bellevue School District**   * Imaged computers with Windows 10 images, replaced computer labs in schools |
| Education |  | Newport High School, Bellevue, WA  June 2018 | Senior  **GPA**: 3.87/4.0  **Relevant coursework**   * AP Computer Science * Cisco Networking Academy (CCNA, CCNP, CCNA Security) * Web Publishing   **Honors**   * Member of National Honors Society * National AP Scholar   **Clubs**   * FIRST Robotics * Bellevue Satellite Club * Cisco Project Club * Girls Who Code   Bellevue College, Bellevue, WA  **Relevant coursework**   * Cisco Networking I – IV (NSCOM 201-204)   Clark College, Vancouver, WA  **Relevant coursework**   * CCNP Routing, Switching, and Troubleshooting (CT 606H/NTEC 227 – 229) |
| Skills |  | **Computer Science**   * Experience and knowledge of both Java and Python languages * Experience and knowledge of basic computer science principles such as polymorphism, classes, object-oriented programming, etc. * Experience and knowledge in using GitHub and Eclipse, as well as several other programs used in FIRST robotics * Experience and knowledge in HTML, CSS and JavaScript (jQuery) * Experience and knowledge in Microsoft Word, Excel, PowerPoint, Publisher, OneNote, Outlook, and OneDrive   **Cisco Service Project – Antigua**   * Set up and networked 25 computer labs with over 400 computers in schools with Internet * Designed network architecture for schools * Imaged computers with Windows 10 and Office 2016 * Fixed both hardware and software on various older computers   **Connection Tools**   * PuTTY – Router and switch connection tool * Wireshark – Network protocol analyzer * VMWare – Virtualization of desktops, applications, tools, and servers   + Kali Linux for layer 2 attack and mitigation   + Windows Server 2016 for AAA   + CUCM – Cisco Unified Communications Manager for VoIP   + CUC – Cisco Unity Connection for voicemail   + Apache2 – HTTP and HTTPS servers on Ubuntu   + Linux – Ubuntu, CentOS, Fedora * Cisco AnyConnect * Cisco ASDM (Adaptive Security Device Manager) for ASA   **Routing Protocols**   * IPv4 & IPv6 Configurations * EIGRP * OSPF   + Experience and knowledge configuring OSPF and OSPFv3 in a single area as well as multiple areas * DHCP   + Experience and knowledge configuring both static and dynamic DHCP * NAT   + Experience and knowledge configuring NAT translations, NAT overload, and NAT64 * BGP   + Experience and knowledge configuring external and internal BGP, both path vector protocols * VoIP   + Used CUCM to manage multiple phones in a network   + Music on hold, custom ringtones, voicemail, and calling out to personal cellphones   + Experience with SCCP, 7940 and 7960 Cisco IP Phones * AAA   + Experience and knowledge configuring AAA on Windows Server 2016 using the RADIUS protocol * FHRP   + Experience and knowledge configuring GLBP, HSRP, and VRRP on routers and layer 3 switches in order to create backup routes in case one fails * Policy-Based Routing (PBR) * Virtual Routing and Forwarding (VRF) Lite   **Switch Functionality**   * Experience and knowledge setting up VLANS, or virtual local area networks, on switches * Experience and knowledge setting up access lists, both standard and extended * Experience and knowledge setting up port security to secure ports on switches * Experience and knowledge configuring 802.1Q trunking on switch ports * Experience and knowledge testing and preventing layer 2 attacks using Kali Linux in a VMWare   + DHCP starvation attack and prevention   + ARP spoofing attack and prevention   + MAC address flooding attack and prevention   **Device Experience**   * Cisco 2901 & 2811 Routers * Cisco 2860, 3750, and 3560 Switches * Cisco 7970, 7960, 7940, and 7910 IP Phones * Cisco Wireless Access Points * Cisco ASA 5505 |
| Image result for ccna certification logoMajor Achievements |  | Awards  * Varsity letter in robotics, both freshman and sophomore year  Accomplishments  * Placed 47th in the nation in Cisco NetRiders for CCENT   + Only female in Newport Cisco Academy who advanced to finals * Certified Cisco Network Associate (CCNA) with a score of 883 |
| Additional Skills |  | * Chinese & Spanish: Conversational * Excellent typist: 90+ WPM * Extensive experience and knowledge in making Ethernet cables |