**Jacob Steinbrugge**

Tacoma, Washington

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**EDUCATION**

**The University of Washington | Tacoma**

B.S. Degree in Information Technology **(Magna Cum Laude) – ABET Accredited**

**Tacoma Community College**

Associate of Arts Degree

**SKILLS**

**Networking:** OSI | TCP/IP | DNS | DHCP | SSH | NAT | Static Routing | Dynamic Routing | EIGRP | OSPF | RIPv2 | VPN | IPv4 | IPv6 | VoIP | Subnetting | STP | VLAN | Wireless Lan Controller | Access Points | Fault Tolerance | Scalability | Security | ACL | Quality of Service | Tier-2, Tier 3, and Spine-Leaf Architecture | HSRP | VRRP | LACP | Firewalls | IDS / IPS | Wireshark | Troubleshooting | Cisco Routing and Switching | Cisco Software and Hardware

**Operating Systems:** Windows | Linux | macOS | Android

**System Administration:** Active Directory Domain Services (ADDS) | GPO | PowerShell | DHCP | DNS | VMware | Apache | Exchange | Bugzilla | Samba | SharePoint | Open SSH | FTP | Host-based Firewalls | Microsoft Office | Software Installation, Upgrades, and Removal | Hardware Installation and Removal | Troubleshooting

**Database Administration:** MySQL | MongoDB | Queries | Scripting | Triggers | Normalization

**Programming:** C# | Java | JavaScript | Python | Android Studio

**Web Development:** HTML5 | CSS | PHP

**PROJECTS**

**Network Design and Configuration –** Designed and configured a tier-3 architecture to support hundreds of hosts in multiple buildings. Comprised of numerous subnets and VLANs.

**System Administration Project** – Set up an enterprise infrastructure using a multitude of computers and servers to host services and provide user management.

**Security Assessment for Private Company –** Provided a detailed report and implemented solutions regarding technical, administrative, and physical vulnerabilities. No successful intrusions since my resolutions.

**Web-Based Sign-on System with a Background Database** – Planned, Designed, and Implemented project for an on-school organization. Project was recognized in school paper.

**Developed Android Application** – Built a user interactive application to assist new students to the University of Washington | Tacoma.

**CERTIFICATIONS**

* Cisco Certified Network Associate (CCNA)

**Academic Achievements and Honors**

* Magna Cum Laude
* Annual Deans List Award | 2019 and 2020
* Academic Scholarship

**EXPERIENCE**

**Rain Incubator – Java and Python Instructor**

Jan ’20 – Mar ‘20

* Designed lesson plans and assignments
* Delivered presentations
* Set-up classroom and prepared computers for students
* Assisted students who required help or had questions

**Narrows Plaza Bowl – Control Desk Specialist**

May ’13 – April ‘16

* Worked in a fast-paced multitasking environment
* Maintained 98% accuracy count for inventory
* Implemented cost saving strategies, saving $1000’s a year
* Designed effective and efficient work schedules
* Coordinated events hosting 100’s of guests

**McDonald’s – Security Guard**

April ’16 – September ‘16

* Provided safe haven for customers and employees
* Eradicated gang activity, drug dealers, and prostitutes from immediate area
* Deescalated hostile situations