

Michael Angelo Chairez

Email: [chairezmichael.app@gmail.com](mailto:chairezmichael.app@gmail.com)

Phone: (408) 627-9595

LinkedIn: <https://www.linkedin.com/in/chairezmichael/>

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## EDUCATION

**California State University, East Bay**  
**B.S. Computer Science**

*Graduated: Dec 2020*

## EXPERIENCE

### **Cisco Systems– Data Center Networks (Software Engineer) San Jose, CA June 2021 – Apr 2024**

- Wrote software for backend validation of statistics for monitoring policies on ACI software components that observe bytes, packets, rates, and events for over 1,000 ACI fabrics. (C++)
- Coordinated with DC Lab team to commission dev environments consisting of spines, leafs, and servers resulting in significant time savings for feature testing and accelerated project delivery within the team.
- Utilized Jira to track and manage various data center tasks including, ticketing and transferring of devices.
- Troubleshooted various hardware/software components, drives, cables, power supplies.
- Configured and managed multiple hosts on SuperMicro servers using VMWare Vcenter.
- Experience with BIOS configuration, firmware upgrades on Cisco 9300 series switches.
- Automated the installation of switch images and APIC controller images as well as discovery of network devices to join ACI network fabric. This automation allowed teams of developers to maintain productivity whilst setup automatically configured for a time savings of ~83.3%. (Python)
- Continuously maintained and enhanced dev environment using automation, provisioning VMs, installing ACI tools, and other necessary configurations on servers hosted in Vsphere.
- Developed a filtering application on Cloud APIC tailored for GCP, extracting key network statistics, including bytes, packets, rates, and trends across VPCs. This solution delivered enhanced visibility into network performance, resource allocation, and data-driven decision-making. (C++, Go)
- Worked across various teams (QA, Dev Operations, Team leads) to support and enhance product and team environment.

### **Murphy McKay & Associates (Relocation Technician) Bay Area, CA June 2018 – Sept 2019**

- Work with multiple teams of technicians to perform disconnect and reconnect operations to client workspace stations.
- Maintained and installed client workstations according to Quality Assurance specifications.
- Communicated effectively with client and team leads throughout workstation install progress.

## TECHNOLOGIES

**Languages:** *PYTHON, JAVA, C++, GOLANG, MYSQL, JAVASCRIPT*

**Platforms/Other:** *GitHub, Postman, Git Confluence, Gerrit, Jenkins, Vsphere, Linux, GCP, ESXi, Pinecone, Ollama, Jira*