Mauricio Gonzalez

Denver, CO

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Education

Colorado State University   **Fort Collins, Colorado**
Bachelor of Science in Computer Science   *Graduation: May 2024*

Experience

Cisco Meraki   **Chicago, Illinois**
Network Engineer Intern   *May 2023 - August 2023*

- Configured network devices such as routers, switches, and firewalls, optimizing performance and minimizing downtime.
- Leveraged programming skills to automate networking solutions, streamlining processes and enhancing efficiency.
- Collaborated with cross-functional teams to ensure prompt resolution, minimize downtime, and enhance overall network efficiency.

College of Engineering, Colorado State University   **Fort Collins, Colorado**
IT Lab Technician   *Jan 2023 - Current*

- Maintained a network of over one thousand computers, ensuring uninterrupted connectivity and smooth operation.
- Created group policies and leveraged shell scripting to automate tasks, enhancing operational efficiency.
- Assisted in the development and implementation of college-wide cybersecurity protocols and procedures.

Groundwork Denver   **Denver, Colorado**
Youth Supervisor   *May 2017 - Aug 2022*

- Managed multiple community projects, ensuring successful outcomes and compliance with grant requirements.
- Secured and managed multiple grants, each exceeding $50,000, to fund critical community initiatives.
- Coordinated team efforts to consistently meet and exceed grant requirements and project objectives.

Projects

Web-Based Map Tool | *Java, JavaScript, MariaDB, ReactJs, REST APIs*   **Jan 2023 - April 2023**

- Led a team of 5 to deliver a web-based map tool within 5 sprints.
- Utilized Git, GitHub, Java, JavaScript, and MariaDB to optimize performance.
- Reduced query response times by 15% in the MariaDB database for faster data retrieval.
- Achieved and maintained a 92% code coverage, cutting debugging time significantly.
- Applied Agile and Scrum, resulting in a 20% project velocity increase and 10% defect reduction.

Loggy Network Troubleshooting Tool | *JavaScript, Python, Ngrok, Flask*   **May 2023 - August 2023**

- Led a team of 5 through agile sprints to develop an internal troubleshooting tool for Cisco Meraki.
- Developed log and pcap scanning features that enhanced troubleshooting efficiency by 20%.
- Integrated the tool into the Cisco Meraki ecosystem using various APIs, enhancing troubleshooting capabilities.

Technical Skills

Languages: C, C#, C++, Java, JavaScript, PHP, PowerShell, Python
Operating Systems: Linux (Alma, Kali, Ubuntu), macOS, Windows
Tools/Technologies: NPM, Node.js, ReactJS, Webpack, Git, Agile/Scrum, databases, cybersecurity
Development Practices: Agile development, Test-Driven Development
Testing Tools: GitHub Actions, Jest, JUnit, Postman

Leadership Experience

Latinx Computer Science Mentor   **Fall 2022 – Present**
Lead Mentor   *Colorado State University*

- Mentored 15-20 first-generation Latinx students, contributing to a 15% enhancement in program retention rates.
- Facilitated weekly lunches, study groups, check-ins, and social events to foster a supportive community environment.

Interests

Chess, Design Thinking, Djing, Hackathons, Hiking, Jiu-Jitsu, Photography, Photoshop, Wrestling