

Mauricio A. Aquino

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Motivated leader who works diligently to complete any task and skillfully drives innovation and communication within a team. Skilled at strategic planning to achieve client's business vision and realize desired cybersecurity and software engineering outcomes. Successfully managed complex requirements addressing cyber security, risk management, and infrastructure to enhance projects and address relevant issues. Self-motivated worker with experience in problem solving and generating innovative ideas to achieve business goals. Previously led a team of 6 personnel where the team developed a mobile software application for a small business and delivered weekly direct reports to the client and his team over the course of 6 months. Seeking a position in software development/cyber security where I may continue to utilize my strong work ethic, communication skills, and my attention to detail.

Cybersecurity Professional / Project Manager /Software Developer

Solution Development – Leadership – Security Oversight

EXPERTISE

Cybersecurity
Software Engineering
Cryptography
Innovation
Team Development
Cloud-Based Solutions
Project Management
Issue Resolution
Risk Management
Root Cause Analysis
Web Development
System Administration
Mobile Development
Communication
Customer Service

Innovative cybersecurity professional and software developer with proven track record of projects that drive innovation, exceed business goals and client expectations, and realize company vision.

Hardworking Software Developer with background in Cyber Security, Innovation, and Communication that provide unique insights to the field. Introductory experience with designing and implementing graphical user interfaces.

Effective communicator with the ability to leverage leadership and teamwork skills to achieve buy-in from key stakeholders to realize enterprise goals.

Excellent attention to detail. Ensures all tasks are completed accurately and correctly. Excels at accurately representing and working with sensitive and confidential information.

Solid communicator who communicates effectively with customers, coworkers, and clients. Understands the importance of connection and empathy. Strong believer in supporting and uplifting those I work with. Proven track record of connecting with and developing relationships with coworkers and clients.

Strong ability to install, configure, and secure Linux server systems for a variety of purposes and utilizing them to their full potential.

Proficient at sorting through and handling large amounts of data. Experienced with completing large amounts of calculations and handling complex data.

Keen ability to ascertain the client's vision and exceeding what it takes to accomplish their winning scenario. Perseveres when dealing with difficult tasks or situations. On time, prepared, and strives to improve every day.

TECHNICAL PROFICIENCIES

Software Development:

- Object Oriented Programming: C++, Java, Python
- Functional Programming: Meta Language (ML), cLisp
- Mobile app development: dart/flutter

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- Web Development: Introductory experience with HTML, CSS and JavaScript.
- Project Management Software: Trello, Asana.
- Version Control Software: Git.
- Team Development Software: GitHub, Teams, Discord, Slack, WebEx, and Zoom.

System Administration

- Linux: Linux System Administration, Bash shell scripting, and securing Linux systems.
- Windows: Windows Server System Administration.
- Database Management: Neo4j.
- Remote Administration: SSH, RDP.
- Virtual Machine: VMware, Oracle VirtualBox, UCCS EAS Architecture, Microsoft Hyper-V, and Multipass.

Cybersecurity

- Honeypot technology: SSH honeypots.
- Introductory experience with Splunk.
- Understanding of modern cryptographic algorithms.
- Understanding of ethical hacking methodology and process.

Utility

- Microsoft Office: Word, Excel, Power Point, Publisher, Outlook.

KEY CAREER ACCOMPLISHMENTS

- Gained valuable career experience working in teams for clients, businesses, and organizations through the University of Colorado Colorado Springs (UCCS) Innovation Program. Worked in a wide variety of positions and capacities as the role of Innovation Consultant. As a member of the UCCS Innovation Program, served as an Innovation Consultant for Longevity Wellness, the UCCS Innovation Program, Champlain Tours, and the Cyber Resilience Institute. Acquired real world experience developing software for clients, developing software inside of a team, generating and working with innovative ideas in software development, working with backend infrastructure, and designing user interfaces. Contributions brought innovative ideas and strategies to multiple companies and organizations to fulfill business vision and make the client's win a reality.
- Lead a mobile app development team for a health and wellness clinic. Along with role as software developer and User Interface designer, served as team lead and project manager. Delivered a working prototype to the client after a 6-month period which can be used to demo to partners and superiors and as a large steppingstone towards the finished product. Created a market facing report and presentation which we used to present our work to a medical professional and the founders of the company. Lead presentation to demonstrate fully functioning prototype highlighting the client's vision for the mobile app and resulting in company member's buy in.
- Created a functioning Secure Shell (SSH) Honeypot utilizing a Raspberry Pi, Ubuntu server OS, and honeypot software Cowrie. Installed, configured, and secured server operating system from the ground up. Work included creating false document to attract potential attackers, setting up and configuring honeypot to mimic an Ubuntu server system, testing infiltration of honeypot from attacker perspective, and analyzing logs from defender viewpoint. Also provided a written report, live demonstration, and video presentation for project. Implementing and testing a fully functioning Honeypot presented the opportunity to learn about a powerful and innovative cyber security technology and the ability to share that knowledge with others.
- Completed the UCCS Lead Program and completed the training program to become a member of the UCCS chapter of the National Society of Leadership and Success. Enhanced and developed leadership skills through these programs to become a more effective leader and communicator. Developed

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success networks with other students to accomplish goals, achieve excellence, and develop stronger leaders in our community.

- Selected the Creative Communication Cross Discipline Core as an option through my Bachelors of Innovation degree. Completed a variety of communication courses including Organizational Leadership, Oral Communication in the Workplace, and Interpersonal Communication which greatly improved my communication skills, leadership skills, and presentation/public speaking skills. Additional courses provided the skills necessary to be a better leader, have meaningful customer interactions, understand the client's vision, and work well within any team.

PROFESSIONAL EXPERIENCE

KING SOOPERS MARKETPLACE – Colorado Springs, CO

Jul 2017 - Present

Worked over 3 years at a King Soopers Marketplace store in Customer Service advancing through various positions within the Front-End department. Recognized for Customer Service skills and quickly moved from Courtesy Clerk to cashier. Further promoted to work in Guest Care & Money Services and currently working as a Service Desk Clerk and backup Bookkeeper with introductory supervisor training.

Customer Service – Courtesy Clerk (2017 – 2019)

Responsibilities included bagging customers groceries, maintaining parking lots and shopping cart lobbies, returning unwanted items to shelves, and retaining customers through customer engagement.

Customer Service – Cashier (2018 – 2019)

Responsibilities included operating a point of sales system, operating self-checkout attendant stations and point of sales robots, and retaining customers through customer engagement.

Customer Service – Service Desk Clerk (Guest Care) (2020 – Present)

Responsibilities include returns and exchanges for unwanted and damaged items, resolving price discrepancies on prior transactions, operating phones to provide customer assistance and redirect calls, selling a variety of age restricted items, assisting with customer account management, and operating Colorado Lotto equipment to sell lottery products to customers.

Customer Service – Service Desk Clerk (Money Services) (2020 – Present)

Responsibilities include being a money service agent to assist customers with sending and receiving money both across the country and internationally, performing bill pay service as a money service agent for customers, and cashing checks. Experience working with multiple money service agencies including Western Union, RIA, and Kroger. Experience has provided knowledge of money service best practices, policies for money services in the grocery industry, and federal regulations regarding money services.

Customer Service – Service Desk Clerk (Fuel Center) (2020 – Present)

Responsibilities include maintaining and operating the store's fuel kiosk, operating a point of sales system, maintaining and ensuring operation of fuel pumps, and assisting customers to ensure safety of everyone at the fuel center.

Customer Service – Bookkeeper (2020 – Present)

Responsibilities include balancing and filling all tills within the store including the fuel center and tills outside of the front-end department, maintaining the store safe, and inventorying all cash on hand on a daily basis, filling and maintaining all self-checkout robots. Additional responsibilities include filling and

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maintaining all Colorado Lottery equipment and products throughout the store and fuel center, handling store deposits and Loomis Pickups for cash and checks in the store and at the fuel center, loaning and picking up money between the store safe and tills and filing all accounting paperwork for the store for the previous day.

- **Communication:** Experience with company has strengthened and improved communication and customer service skills through the various customer interactions over the course of working in the front-end department as a Courtesy Clerk, Cashier, Service Desk Clerk, and Bookkeeper. These skills have provided the capacity to communicate more effectively both professionally and academically.
- **Attention to detail:** Working as a bookkeeper has improved my attention to detail, provided experience with high stress and intensive work environments, and proven my ability to handle responsibility by handling sensitive information and valuable company assets both safely and effectively.
- **Technology:** Throughout various positions with the company, gained experience operating and working with a variety of electronic equipment and computer systems with different operating systems and software. This includes various software and devices owned by Kroger, Colorado Lotto, and Western Union, etc.

UCCS INNOVATION PROGRAM

Longevity Wellness – Colorado Springs, CO

Aug 2020 - Dec 2020

Team Lead, Project Manager, Software Developer, User Interface Designer, Innovation Consultant.

Lead a 6-person mobile app development team that designed and developed a prototype health and fitness mobile application for a wellness clinic. This application will allow medical professionals to import medical testing data to a customer's profile to make the client's customers aware of their deficiencies and allow these customers to track and monitor nutrients through the food they eat. This will help their customers make healthier choices and therefore improve their overall health. Work included project management, assisting with, and improving the technical designs created by the client's team, developing the frontend of the mobile application, and implementing the backend infrastructure the mobile application would need to function.

- **User Interface Design:** Worked off existing designs created by client's technical team and implemented and improved them within mobile application. Generated new user interfaces for previously non-existing screens and functionalities.
- **Software Engineering:** Developed the front-end mobile application including user interface, screen navigation, and functionality.
- **Backend Development:** Worked with the USDA food database to get various information about a particular food item including nutrients and ingredients. Utilized a server created by our team to host machine learning, user profiles, and data for the app. Designed and worked with code to allow our front-end mobile application to work with our backend server.
- **Security:** Addressed security concerns with client regarding website, server, and user app throughout software development process.
- **Innovation:** Worked with state-of-the-art new medical testing methods to determine an individual's deficiencies and potential health issues. Utilized machine learning to recognize food from pictures taken by the user which that user could use to determine nutrients for that food item.
- **Governance:** Basic understanding of HIPPA compliance and storing customers information. Utilized HIPPA compliant server created by team.

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- Presentation: Presented work within formal market facing document, and in online presentation of work to our client's superiors to achieve buy in from medical professionals and other members of the company.

Innovation Program – Colorado Springs, CO

Jan 2019 - May 2019

Event Planner, Budget Analyst, Innovation Consultant.

Served as an Innovation consultant in a 6-person event planning team that planned a cyber security speaking panel and technical conference to be held in partnership with the UCCS Innovation Program. Included researching and contacting potential speakers, venues, and caterers. Work also involved creating an extensive budgeting document for our client to allow them to proceed with the planned event.

- Event Planning: Planned ideal times for event based upon speaker and venue availability. Also considered best time for students and educators in timing of event. Planned special speaker, speaking panel, and dinner.
- Budget Analysis: Worked on a detailed budget document that considered travel costs, ticket prices, dinner and amenities, cost of booking venue and cater, etc.
- Innovation: Found opportunities for potential speakers and venues that would excite our client and open opportunities for the university.

Champlain Tours – Colorado Springs, CO

Aug 2018 - Dec 2018

Website Developer, Graphic Designer, Researcher, Innovation Consultant

Served as an Innovation Consultant in 5-person team for a tour company based in Vermont. Improved our client's advertising and marketing for the company by enhancing the presentation of the client's website, increasing his social media presence, and performing search engine optimization for his website. Additional work included redesigning his logo, creating travel brochures for various trips, and providing recommended advertising and marketing strategies in the capacity of innovation consultants.

- Website Development: Assisted with complete redesign of the client's website from the ground up.
- Graphic Design: Assisted with and contributed designs and final products for redesign of the client's logo. Created travel brochures for a variety of trips the client used for his customers.
- Social Engineering: Created guides and example posts to help the client enhance his social media presence. Researched into social media platforms and best ways to increase client's base of followers. Investigated methods for professional companies to utilize social media effectively.
- Innovation: Generated new and unique ideas for marketing and advertising. Included new strategies as well as redesign of logo, company slogan, website, social media, and other forms of advertising for his customer base. Considered target customer demographic into advertising and marketing strategies.

Cyber Resilience Institute – Colorado Springs, CO

Aug 2018 - Dec 2018

Technical writer

Worked in a two-person writing team on a government grant proposal to the National Science Foundation (NSF) for the Cyber Resilience Institute to allow them to expand their research and community outreach.

- Portfolio: Created a portfolio of all documents and forms the client would need to submit proposal for grant through the NSF. Included partially completed forms as well as guides for portions the client will need to verify and complete themselves when they file the grant proposal.

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- Proposal Writing: Wrote and extensively edited government grant proposal according to the NSF's guidelines and requirements.

EDUCATION AND CERTIFICATIONS

UNIVERSITY OF COLORADO COLORADO SPRINGS, Colorado Springs, CO

Bachelor of Innovation in Computer Science & Security, May 2021

PIKES PEAK COMMUNITY COLLEGE, Colorado Springs, CO

Associate of General Studies, December 2017

Certifications

UCCS Lead Gamechanger

Member of UCCS chapter of the National Society of Leadership and Success

Member of the National Honor Society