Carlos Mejia

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EDUCATION

The University of Tampa | Tampa, FL

Bachelor of Science in Computer Science, Cybersecurity Minor **May 2025**

Relevant Courses: Computer Organization, Advanced Data Structures, Algorithm Analysis, Computer Architecture, Object-Oriented programming, Network and Cloud Infrastructure, Software Engineering and Design, Operating Systems and Systems engineering, Information Security Principles, Network Security, Linear Algebra, Discrete Mathematics, Ethical Hacking .

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Operating Systems: Windows, Mac OS, Linux

Other skills: HTML, CSS, Javascript, React, Vite, Django, Node.JS., Vercel, Wordpress, SQL, Wireshark,Nmap.

PROJECTS

Front End Development of Glazer's Children Museum Website | University of Tampa **January 2024 - May 2024**
- Leading the development of a web application for Glazer's Children Museum in Tampa, driving enhanced digital experiences for visitors. Focused on facilitating interaction and understanding between parents and children during their visit to the museum.
- Fullstack development using Figma, Python, Javascript/Libraries, HTML, CSS and Django.
- Implemented agile methodologies, integrating Gantt charts and Kanban boards for streamlined project management.

Library Management System with Priority Queue | University of Tampa **March 2023**
- Programmed a library management system in Python, utilizing data structures including a binary search tree for efficient book organization by title, a priority queue for book management based on priority numbers, and a dictionary for mapping authors to their books.
- Implemented a user-friendly graphical interface using Tkinter, including a menu for different prompts for the books.
- Proficiently integrated file handling to read and save book information, creating a fully functional library application.

WORK EXPERIENCE

Technology Specialist | Lowth Entrepreneurship Center at The University of Tampa | Tampa, FL **May 2024 - August 2024**
- Enhanced data management efficiency by 50% through the development of a comprehensive Airtable database, utilizing skills in database design to create streamlined data structures, custom fields, and views for improved data entry and retrieval.
- Designed user-friendly interfaces within Airtable to support team members in navigating and using the database efficiently.
- Established user permissions and data security protocols to protect sensitive information.

Cybersecurity Operations Intern | AYESA | Panama, Panama **May 2023 - August 2023**
- Enhanced threat detection and mitigation by using tools like Mimecast and implementing risk prevention strategies for cyber threats such as phishing, DDoS, and social engineering, leading to improved network security.
- Conducted in-depth legal analysis of Panama's cybersecurity regulations, identifying potential legal vulnerabilities and strengthening compliance measures.
- Collaborated with pen-testing experts and technology directors to produce risk assessment plans. Gained hands-on experience in the field. Aligned cybersecurity strategies with business goals, conducting market research and utilizing company services to attract and retain clients.

Media Services Event Technician | The University of Tampa | Tampa, FL **October 2021 - September 2024**
- Managed and oversaw the network setup and A/V equipment operation for events involving faculty and students and ensured 100% seamless operation.
- Optimized A/V equipment setups for 100+ events, contributing to a 30% reduction in setup time and improving overall event coordination. Worked with Audio channels and mixing, software troubleshooting and hardware mechanics.
- Trained new employees to develop time management and production skills in A/V handling, resulting in a more efficient team and a 20% increase in overall productivity.