

Luis Coronel

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Education

Washington and Lee University (W&L)

Bachelor of Arts, Computer Science Lexington, VA
Bachelor of Science, Business Administration May 2027

- GPA: 3.507
- Relevant Courses: Computer Organization, Discrete Mathematics, Ethical Hacking, Data Structures, Linux System Design, Open-Source Tools for Linux, Business Analytics, Managerial Finance
- Activities: GenTech (Social Media Chair), W&L Cybersecurity (CTF, Cryptography, Penetration testing)

Lincoln International Academy

Managua, Nicaragua
2019-2023

- Activities: Honor Council, Varsity Soccer, NHS, MU Alpha Theta

Relevant Experience

IT Intern

June 2025- August 2025
Dallas, TX

CMI (Corporación Multi Inversiones) / Campero USA

- Engineered automated PowerShell scripts for silent software deployment across 1000+ endpoints, eliminating downtime and boosting efficiency by 30%.
- Revived and repurposed decommissioned servers, generating an estimated \$50K+ in hardware savings.
- Deployed and configured laptops, AV systems, and MDM devices for new hires, enabling same-day operational readiness.

Summer Research Assistant / Research Intern

June 2024 – September 2024
Lexington, VA

Washington and Lee University

- Conducted hydrogeochemical research on arsenic contamination in the Ganges River, using Python and PHREEQC to analyze groundwater samples and model arsenic mobilization processes.
- Developed a computational approach to optimize data storage and analysis, collaborating with a research team to interpret findings, troubleshoot data inconsistencies, and enhanced decision-making and teamwork skills.
- Presented research findings at the Geological Society of America (GSA).

Digital Workflow Optimization Intern

September 2022- December 2022
Managua, Nicaragua

Spanish Cooperation Agency (AECID)

- Automated file classification and digitization using Python, improving documentation speed and structure across government projects.
- Designed digital file systems based on project workflows, enhancing data accessibility and archival efficiency.
- Supported compliance by encoding and organizing large datasets aligned with institutional standards.

Other Experience

Web Content Specialist

August 2025 - Present
Lexington, VA

Washington and Lee University

- Craft and optimize dynamic web content using CMS and CSS, enhancing site accessibility and UX.
- Collaborate with teams to implement polished, responsive digital designs that boost engagement and SEO.

Skills, Honors, and Interests

Skills: Python, C++, C, CSS, HTML, JavaScript, Git, Linux, Communication, Problem-Solving, Teamwork, React, Node

Tools: Git, Visual Studio, LaTeX, Ghidra, Wireshark, Autopsy, Office, Adobe Premiere, Photoshop

Interests: Security & Systems (Ethical Hacking, Open-Source Development, System Administration), Financial Analysis, Business Strategy, Machine Learning, Video Editing, Software Development, Data Science, entrepreneurship

Languages: Spanish, English