

# 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

- Activities: Honor Council, Varsity Soccer, NHS, MU Alpha Theta 2019-2023

## Relevant Experience

**IT Intern** June 2025- August 2025  
*CMI (Corporación Multi Inversiones) / Campero USA* Dallas, TX

- 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  
*Washington and Lee University* Lexington, VA

- 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).

**Intern** September 2022- December 2022  
*Spanish Cooperation Agency (AECID)* Managua, Nicaragua

- 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  
*Washington and Lee University* Lexington, VA

- 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