

# Luis Coronel

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## Education

### Washington and Lee University(W&L).

August 2023 - May 2027

*Bachelor of Arts, Computer Science*

Lexington, VA

*Bachelor of Science, Business Administration*

- GPA: 3.51
- Relevant Courses: Computer Organization, Discrete Mathematics, Ethical Hacking, Data Structures, Linux System Design, Open-Source Tools for Linux, Business Analytics, Managerial Finance
- Activities: GenTech (Co-Vice President), W&L Cybersecurity (CTF, Cryptography, Penetration testing), Soccer

### Lincoln International Academy

August 2019 - June 2023

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

Managua, Nicaragua

## Relevant Experience

### Washington and Lee University

August 2025 - Present

*Web Content Specialist*

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

### Corporación Multi Inversiones (CMI)

June 2025 - August 2025

*IT Intern*

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

### Washington and Lee University

June 2024 - September 2024

*Summer Research Assistant / Research Intern*

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)

### Spanish Cooperation Agency (AECID)

September 2022 - December 2022

*Digital Workflow Optimization Intern*

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

## Skills, Tools, Interests and Certifications

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

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

**Interests:** Ethical Hacking, Business Strategy, Video Editing, Software Development, Soccer, Music

**Certifications:** AWS Certified Cloud Practitioner (CLF-C02), (expected May 2026)

**Languages:** Spanish, English