

LUIS SOTO

Cybersecurity Analyst / Software Developer

SUMMARY

Motivated and detail-oriented cybersecurity student with a strong software development background and hands-on experience in cybersecurity techniques, tools, and scripting. Skilled in ethical hacking fundamentals, secure software development, and system troubleshooting. Proficient in various programming languages and experienced in creating cybersecurity-related scripts and utilities. Currently enrolled in a full-time cybersecurity and penetration testing program at Holberton Coding School. Active participant in Capture the Flag (CTF) competitions and extensive project-based work.

CONTACT

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<https://www.linkedin.com/in/luis-soto-4577252bb/>

GitHub:
<https://github.com/LS7710>

Portfolio:

CYBERSECURITY SKILLS

- **Tools:** Wireshark, Burp Suite, Nmap, Metasploit, Dirbuster, Hydra, SQLMap, Ghidra, IDA Pro, Strato Shark, Cheat Engine,
- **Techniques:** SQL Injection, NoSQL Injection, Cross-Site Scripting (XSS), Privilege Escalation, Web Application Vulnerabilities (OWASP Top 10), Active/Passive Reconnaissance, Brute Forcing, Buffer Overflow Exploitation, Cryptography, CVE/CWE/NVD Analysis
- **Reverse Engineering:** Static & Dynamic analysis (Binary & Mobile), Malware Analysis, Obfuscation & Evasion techniques, Mobile Security
- **Forensics & Defensive Security:** Linux/Windows Forensics, Webapp Forensics, Digital Evidence Handling, Incident Response Methodologies
- **Scripting & Automation:** Bash (custom cybersecurity scripts), Python, Lua, Ruby
- **Networking:** Packet analysis, Port scanning, Network mapping, Service enumeration
- **Platforms:** Linux (Ubuntu), Windows, macOS
- **Other:** Basics of video game hacking

For a greater breakdown of all my skills and experience please visit my portfolio page

TECHNICAL SKILLS

- **Programming:** C, C++, Python, JavaScript, Typescript, HTML, CSS, PHP, Ruby
- **Frameworks & Libraries:** Flask, Node.js, Jest, Three.js, WebXR, Unity
- **Databases:** MySQL, SQL, NoSQL
- **Dev Tools:** Git, VS Code, Postman, Blender
- **Web & API:** Web app deployment, API creation/integration, front-end development, back-end development

EDUCATION

Cybersecurity & Penetration testing Program

Holberton Coding School – Dec 2024 – Sept 2025

Certified Software Engineer

Holberton Coding School – Feb 2024 – Nov 2024

Studies in Biomedical Sciences

UPR Aguadilla – August 22 – December 2023

High School Diploma

Carib Christian School – May 2022

CAPTURE THE FLAG & PROJECT-BASED WORK

- Participated in Hack the Box Hackfinity CTF Competition, gaining experience in real-world vulnerability exploitation and team-based ethical hacking.
- Engaged in numerous CTF challenges through Holberton, covering topics such as privilege escalation, network forensics, web application security, and more.
- Completed over 95+ hands-on projects in software development and cybersecurity as part of Holberton's project-based curriculum.
- Worked collaboratively in peer programming and remote teams using Git, Bash scripting, and agile methodologies.

PROJECTS

Simple Shell

- Developed a simplified Bash shell from scratch using C.
- Recreated common Bash commands and built custom scripts to simulate terminal functionality.

Motion Minds (VR Application)

- Designed a self-help VR application for individuals with disabilities to regain autonomy through planning and meditation.
- Developed hand-tracking-based therapy exercises for physical rehabilitation.

Cybersecurity Scripts

- Created Bash and Python scripts for port scanning, network mapping, and brute force testing.
- Built custom SQL injection and XSS test cases for lab environments.

Company Website (Amity's Designs)

- Designed and deployed a custom website aligned with business needs.
- Implemented key features based on client feedback.

PROFESSIONAL EXPERIENCE

Amity's Designs

Cashier, Computer & Machine Maintenance

May 2021 – December 2023

- Provided exceptional customer service and technical support.
- Maintained and repaired company computers and industrial embroidery machinery.
- Assisted with inventory management and daily operations.

Amity's Designs

Freelance Web Development

- Designed and created website for company following owner's vision and specifications
- Implemented requested features and functionality to align with business needs

LANGUAGES

- English (Fluent)
- Spanish (Fluent)

References available upon request