

Vinicius Vaz Cascais

github.com/zeromeia0

vinivc04@gmail.com

927 863 306

vvazzstudio.neocities.org

•C •PHP •SQL •Linux •Networking •Git •Server Admin •Bash

Professional Summary

- Aspiring Junior Security Engineer with experience in web development, system administration, and C programming. Strong foundation in Linux, networking, and databases, with projects from e-commerce platforms, system programming, and a custom Unix shell focused on memory management

Professional Experience

Ebinar | Web Developer (Intern) | July 2025 - October 2025

- Customized and maintained e-commerce platforms (OpenCart & PrestaShop) through template/module development and performance enhancements.
- Built a data conversion tool to automate Excel-to-MySQL imports, improving efficiency and reducing errors.

Hub Media | Web Developer (Intern) | May 2024 - July 2024

- Designed and developed travel and health websites from scratch.

Education

42 Lisboa | Lisbon | March 2025 - Ongoing

- Software Engineering
- Focus on C and C++ programming, system fundamentals and low-level memory management.

Instituto do Emprego e Formação Profissional | Lisbon | September 2024 - July 2025

- Network and Systems Administration – Technical Specialist Course
- Learned programming fundamentals (Python, PHP, and introductory OOP)
- Built and maintained Windows and Linux servers, configured networks with Cisco Packet Tracer

Escola Profissional de Artes, Tecnologia e Desporto | Lisbon | September 2021 - July 2024

- Professional Multimedia Technician Course | AVG 16 / 20
- Programming

Projects

Minishell – Custom Unix Shell in C

- Created a Unix-like shell in C that handles processes, pipes, redirections, environment variables, and built-in commands. Expanded it with advanced features like logical operators and wildcard support to closely replicate Bash functionality.

Push Swap - Low Level Stack Sorting Algorithm

- Create a sorting algorithm project that sorts a stack of integers using a limited set of operations. The goal is to sort the numbers in ascending order with the fewest possible operations.

Certifications

- IELTS English Certification

Languages

- Portuguese - Mother Tongue
- English - C1