



Alan Yahir Juárez Rubio

Computer Engineer (Student)

- November 08, 2002
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Social Network

- LinkedIn
- GitHub

Learning

- Credly
- Platzi

Languages

- Spanish
- English

Soft Skills

- Communication
- Problem Solving
- Adaptability
- Attention to Detail
- Self-taught
- Teamworking
- Critical Thinking
- Coaching and Mentoring
- Conflict Resolution
- Initiative

About Me

I'm a **Computer Engineering student** passionate about **computer science, cybersecurity, networking & linux** and everything about computers and software development.

My current expertise field is **software development and Linux**. I'm looking to become an expert in fields like **cibersecurity, server administration, system's software development or backend development**.

I'm consider a person curious in knowing how things really work so I enjoy to research and experiment. I'm also a person able to adapt, collaborate and participate in teams.

Working Experience

- 05/2024 – 07/2024 **Odoo Technician** Agiotech
Documentation, debugging and fixing of Odoo Python Code of Agiotech's Odoo Studio System.

Volunteer Work

- 09/2024 – 04/2025 **Computer Technician** CUCEI – UDG
Computer hospital member at my university. I did tasks such as:
 - Diagnostic and repair of software & hardware problems (no electronic component level) of computers of any kind.
 - Replacement and upgrade of computer components (e.g., storage, RAM, keyboard, screen, battery, CPU, GPU).
 - OS (Windows & Linux) installation, configuration, optimization & update
 - Data backup (even with corrupted OS) & system cloning.
 - Configuration and update of software, drivers & BIOS/UEFI.

Education

- 2022 – 2026 Bachelor's degree in Computer Engineering CUCEI – UDG

Projects

- 05/2025 – now **Mini Grep** Rust book
Rust implementation for grep tool from "The Rust Programming Language" book
- 10/2024 – 11/2024 **Link-Project** CUCEI – UDG
Link-Project Website Development for Software Engineering subject. The website consists of a system development which allows CUCEI students to find team partners for the modular project.
- 05/2024 **Metaheuristic Algorithm for VRP** CUCEI – UDG
Development of an metaheuristic algorithm for the **Vehicle Routing Problem (VRP)** in which, given a dataset (CSV) it can find a set of optimal routes to drive all delivery points. Each route starts from the same start point.
- 04/2024 **Huffman File Compressor** CUCEI – UDG
File compressor and decompressor with GUI implementing huffman encoding algorithm.
- 08/2023 **Web Game: Job Extinction** Platzi
Development of a basic multiplayer pokemon-style (turn-based fighting) web game.

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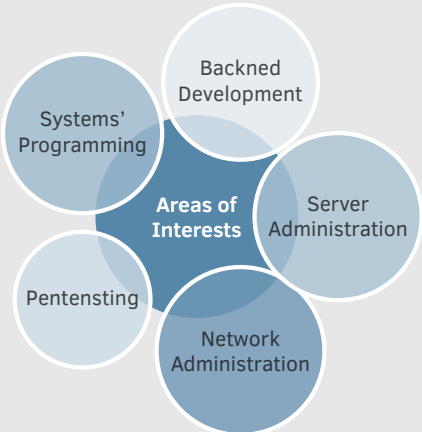
Hard Skills

Computer Architecture	● ● ● ● ●
Data Structures	● ● ● ● ●
Network Architecture	● ● ● ● ●
Web Development	● ● ● ● ●
Backend	● ● ● ● ●
Frontend	● ● ● ● ●

Technologies

Programming	
C/C++	● ● ● ● ●
JS	● ● ● ● ●
Rust	● ● ● ● ●
Python	● ● ● ● ●
Frontend	
HTML	● ● ● ● ●
CSS	● ● ● ● ●
Databases	
PostgreSQL	● ● ● ● ●
Control Versioning	
Git	● ● ● ● ●
GitHub	● ● ● ● ●
Linux	
Configuration	● ● ● ● ●
CLI	● ● ● ● ●
Bash Scripting	● ● ● ● ●
Computer Managment	
Assembly	● ● ● ● ●
Maintenance	● ● ● ● ●
Repair	● ● ● ● ●

Interests



Certificates

Software

08/2024	Python	Platzi
05/2024	Rust	Platzi
01/2024	Object Oriented Programming in C++	Platzi
05/2023	Programming and Web Development Fundamentals	Platzi

Hardware

06/2024	Electricity & Electronics Fundamentals	Platzi
06/2024	Electronics Circuits Fundamentals	Platzi
07/2022	Computer Optimization	Mastermind
07/2022	Computer Assembly	Mastermind
07/2022	Computer Maintenance	Mastermind

DevOps

04/2025	Introduction to DevOps	IBM
08/2023	Git & GitHub	Platzi

Cibersecurity

05/2025	Tools of the Trade: Linux and SQL	Google
04/2025	Connect and Protect: Networks and Network Security	Google
04/2025	Play It Safe: Manage Security Risks	Google
03/2025	Foundantions of Cibersecurity	Google
12/2024	Introduction to Cybersecurity	Cisco

Networking

12/2024	Internet Computer Networking	Platzi
12/2024	Networking Basis	Cisco

Linux

12/2024	Linux Essentials	Cisco
12/2023	Bash Shell Programming	Platzi
12/2023	Command Line Interface	Platzi

Languages

12/2022	Intermediate English: Conversation	Platzi
12/2022	High Intermediate English: Grammar	Platzi
08/2020	Basic Spanish Ortography	Platzi

Learning

Short-term (0 – 3 months)

In progress	Networking Essentials	Cisco
In progress	Cybersecurity Professional Certificate	Google
In progress	The Linux Command Line	William Shotts

Medium-term (3 – 6 months)

In progress	The Rust Programming Language book	Rust
In progress	Effective C	Robert C. Seacord
Pending	Offensive Python	Hack4u

Long-term (6 – 12 months)

Pending	DevOps Professional Certificate	IBM
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May 5, 2025

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