

# MAX JACINTO

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## EDUCATION

### Pontifical Catholic University of Peru

B.S Software Engineering - Specialization in Cybersecurity

San Miguel, Lima  
March 2020-Present

Experience in courses related to cybersecurity:

- Operating Systems, Networks, Information Security, Ethical Hacking & Cryptography (PUCP Master's), Computer Forensics (PUCP Master's), IT Governance, IT & Systems Auditing and Risk Management. Knowledge in COBIT 6 for Information Security, OCEG Red Book, NIST CSF 2.0 and ISO 27001/27002/31000.

## EXPERIENCE

### TORSA Mining Services Peru

(Internship) Software Support Engineer I

Santiago de Surco, Lima  
December 2024-Present

#### Systems & IT Security Analysis and Incidence Detection and Prevention

- Detection and resolution of IT related incidents in embedded equipment used in mining vehicles as well as IoT devices for pharmaceutical warehouses. Daily maintenance to the web platforms and servers provided to the clients. Remote configuration of embedded equipment used in mining vehicles through Ubuntu servers by installing and configuring firmware.

### CHANA - PUCP

Software Developer CO-OP

San Miguel, Lima  
March 2024-Present

#### Develop NLP Model for the Amahuaca language (Python, JavaScript & Docker)

- Creation of a natural language processing (NLP) model for the Amahuaca language of the Panoan language family to develop an Amahuacan sentence translator which returns the sentence translated to Spanish and information such as the lexical morphemes.

### Programming Laboratory Assistantance - PUCP

C & C++ language instructor

San Miguel, Lima  
August 2024-Present

#### University Programming Laboratory Assistant (PUCP)

- Teach students concepts of the C & C++ programming languages in graded laboratory sessions, provide them assistance with their laboratory assignments and grade them afterwards.

## PROJECTS

### Risky (private repo) (Rust) ✉

Risk management software designed to be used by SMEs. Project developed for bachelor's thesis. (WIP)

### University Enrollment Management System (private repo) (Go) ✉

Fullstack university enrollment management system developed for an university project. Backend developed exclusively in Go using libraries such as sqlx and echo.

### Qualcosa (Rust) ✉

Library made to provide file hex dumps using purely Rust. (WIP)

### Conchiglia (Rust) ✉

Custom shell developed in Rust as a proof-of-concept and to learn how shells work.

## SKILLS

### Programming Languages

Rust, Go, C, C++, Python, Bash, Java, C#, JavaScript, TypeScript, Lua

### Specialized Software

BurpSuite, msfconsole, Shodan, Wireshark, nmap, Zenmap, Metasploit

### Tools

MySQL, Postgres, Oracle DB, Cargo, Git, AWS, Kali, Linux, Excel, Power BI, Typst, LaTeX, Nix, Docker, docker-compose, Kubernetes, CMake, Ant, Neovim, Github, GDB

### Certificates

Cambridge Certificate in Advanced English (C2 Level), CISCO Introduction to Cybersecurity, IBM Docker Essentials

### Soft skills

Leadership, Proactivity, Teamwork, Creativity & Innovation, Problem solving, Decision making

References available upon request.