

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, Computer Networks, Information Security, Ethical Hacking & Cryptography, Computer Forensics, IT Governance, IT & Systems Auditing and Risk Management. Experience with 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, deployment in a Docker container for access to the API and hosting it on a website to develop a sentence translator which returns the sentence translated to Spanish and information such as the lexical morphemes in both languages.

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 Database, 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.