MAX JACINTO

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in Max Jacinto Mestanza
○ Maxito7

EDUCATION

Pontifical Catholic University of Peru   San Miguel, Lima
B.S Software Engineering - Specialization in Cybersecurity   *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

CHANA - PUCP   San Miguel, Lima
Software Developer CO-OP   *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.

UMetSoft - PUCP   San Miguel, Lima
Voluntary Researcher and Developer   *April 2024-Present*

Interactive University Campus Map (WebXR, JavaScript, Three.js)

→ Preliminary research about the WebXR API and its potential uses for university apps, taking into account accessibility for users with older hardware. Creation and deployment of prototypes of an interactive map of the university campus using augmented reality (AR) through the WebXR API and Three.js library.

Programming Laboratory Assistantance - PUCP   San Miguel, Lima
C & C++ language instructor   *August 2024-Present*

University Programming Laboratory Assistant (PUCP)

→ Teach students concepts of the C & C++ programming language in 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 in organizations of the Peruvian State. Project developed for 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. (WIP)

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

Qbo (Rust) 🔗
TUI app made to improve the DX of ethical hackers by providing a more organized and modular way to implement their own exploits, akin to msfconsole. (WIP)

SKILLS

Programming Languages
Rust, Go, C, C++, Python, Bash, Zig, 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.