DAVID QUISPE

24 y/o | da.qc@outlook.com | website | **open to relocation**

Systems Engineer with experience in Software Development, Cybersecurity and AI/ML frameworks.

WORK EXPERIENCE

FIAP (Public Administration Internationalization Foundation) (Madrid, Spain | on-premise)
Spanish public foundation managing international cooperation projects to strengthen governance and public policies.

Position (Internship): **Cybersecurity Technician** (September 2024 – June 2025)

Responsibilities:
- Implemented cybersecurity strategies covering vulnerability intelligence, endpoint protection, threat detection, and enforcement of information security policies, ensuring alignment with national and international standards.

Achievements:
- Initiated and led a Vulnerability Intelligence program to proactively identify and address internal cybersecurity risks.
- Developed PoCs with MS Copilot, open-source LLMs, and agentic frameworks to automate Cyber Threat Intelligence.
- Supported inventory management, auditing, and incident response using EDR solutions and CCN-CERT tools.
- Enhanced network security by managing and optimizing Fortinet technologies, reducing exploitable vulnerabilities
- Secured the Microsoft 365 environment (SharePoint, Exchange, Defender, etc.) by applying Zero Trust (ZTNA) principles.
- Contributed to the drafting and improvement of Information Security Policies, aligning practices with organizational needs.
- Supported the implementation and compliance efforts with national and international cybersecurity standards and regulations, including ENS, NIST, and CCN-CERT.

PLAWLABS LTD. (London, UK | remote)
Tech Startup focused on AI-powered virtual assistant solutions and custom software development.

Position: **AI/ML Engineer** (July 2024 – September **2024**)   **Direct Reports: 1**

Responsibilities:
- Implemented and tested both open-source and proprietary Large Language Models (LLMs) to accomplish specific tasks, collaborating with cross-functional teams to deliver tailored solutions and successfully execute Proof of Concept (PoC) projects focused on LLM workloads.

Achievements:
- Fine-tuned and optimized LLaMA 3.1 8B and 70B models using quantization and PEFT (Parameter Efficient Fine-Tuning) techniques to create custom adapters and integrate them with base models for improved performance.
- Developed and deployed a Retrieval-Augmented Generation (RAG) system with an embedded model and vector database for efficient text retrieval and precise response generation.
- Applied prompt engineering techniques, including few-shot learning and active prompting, to enhance model output accuracy and responsiveness.
- Deployed AI agents using LangChain and Langroid, leveraging tool-calling and task management to automate processes and interact with external applications, significantly boosting operational efficiency.

HAMB INGENIERÍA Y CONSTRUCCIÓN S.A.C. (Cusco, Perú | on-premise)
Engineering and construction company, specializing in project development, civil works management, specialized systems, and real estate development.

Position (Internship): **Full Stack Web Developer** (January 2022 – September **2022**)   **Direct Reports: 2**

Responsibilities:
- Led an interdisciplinary team in the analysis, design, implementation, testing, and deployment of HAMBIC S.A.C.'s web application, utilizing PHP, JS, and SQL for backend development, and HTML5, JS, and CSS3 for frontend design.

Achievements:
- Successfully implemented the SAP system, optimizing inventory control and reducing inefficiencies by 30%.
- Enhanced the main domain's web application, resulting in a 25% increase in the customer base.
- Boosted the sales team's productivity by 20% through the implementation and training on the use of a CRM.

EDUCATION

DIGITECH, TECHNOLOGY AND DIGITIZATION CENTER (Madrid, Spain)
Dual Higher Degree in Network Systems Administration (September 2023 – June 2023)

UNIVERSIDAD MAYOR (Santiago, Chile)
Online Diploma in Cybersecurity (April 2023 - November 2023)

CEUPE (EUROPEAN CENTER OF POSTGRADUATE STUDIES AND BUSINESS) (Madrid, Spain)
Online Master in Cybersecurity (March 2022 - May 2023)

ANDEAN UNIVERSITY OF CUSCO. (Cusco, Peru)
Bachelor's Degree in Systems Engineering (January 2017 - November 2022)

TECHNICAL SKILLS

LANGUAJES

Spanish	Native
English	C1

PROGRAMMING FRAMEWORKS

ASP.NET	Intermediate
Bootstrap	Intermediate
FastAPI	Intermediate
Flutter	Intermediate
JQuery	Basic

CYBERSECURITY FRAMEWORKS

CIS	Intermediate
MITRE ATT&CK	Intermediate
NIST	Intermediate
OWASP Top 10	Intermediate
STRIDE	Intermediate

AI/ML FRAMEWORKS

Crewai	Basic
Huggingface	Intermediate
Keras	Intermediate
Langchain	Intermediate
Langroid	Intermediate
Smolagents	Basic
PyTorch	Intermediate
Tensorflow	Intermediate

CLOUD COMPUTING

Microsoft Azure	Basic
Amazon Web Service	Intermediate
Google Cloud	Basic

VECTOR DATABASES

Chroma	Intermediate
Qdrant	Intermediate
DataStax	Intermediate

TOOLS / SOFTWARE

Autopsy	Intermediate
Burpsuite	Basic
Fortinet	Intermediate
Git	Intermediate
Microsoft Threat Modeling Tool	Intermediate
Nessus	Intermediate
SolarWinds	Intermediate
Vega	Advanced
Vooki	Intermediate
Wireshark	Intermediate
ZAP	Advanced

DATABASE MANAGEMENT SYSTEMS

Microsoft SQL Server	Advanced
MongoDB	Basic
MySQL	Intermediate
Redis	Basic
Oracle Database	Intermediate

PROGRAMMING LANGUAGES

C#	Intermediate
C++	Intermediate
Dart	Intermediate
Go	Basic
Java	Intermediate
JavaScript	Intermediate
Kotlin	Intermediate
Python	Advanced
SQL	Advanced
Shell	Intermediate
Typescript	Basic
Visual Basic .NET	Basic

CERTIFICATIONS

- Expert in Transformer Models and Deep Learning for NLP **(August 2024)**   LenguajeNatural.AI
- Expert in Information and Security Systems **(March 2023)**   European Postgraduate and Business Studies
- Internal Auditor ISO 27001 **(March 2023)**   TÜV NORD
- Internal Auditor ISO 22301 **(March 2023)**   TÜV NORD
- Cloud Security Technician **(October 2022)**   Carlos Slim Fundation

COURSES

- Building RAG Agents with LLMs **(April 2025)**   NVIDIA
- The Reasoning Course - Building AI models that reason **(April 2025)**   Hugging Face
- AI Agents Fundamentals **(February 2025)**   Hugging Face
- Endpoint Security **(October 2023)**   Cisco Networking Academy
- CyberOps Associate Training **(July 2023)**   Cisco Networking Academy
- International Certification in Computer Forensics **(April 2023)**   National Forensic Investigation Institute of Perú
- International Certification in Ethical Hacking **(March 2023)**   National Forensic Investigation Institute of Perú
- International Certification in Information Security **(February 2023)**   National Forensic Investigation Institute of Perú
- Cybersecurity White Hacker Lev#1 Training Course **(October 2022)**   MOCT College

LINKS

mcdaqc.github.io   linkedin.com/in/daqc
github.com/mcdaqc   x.com/mcdaqc
huggingface.co/daqc