

# Ivan Yang Rodriguez Carranza

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London, United Kingdom

## EDUCATION

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### Queen Mary University of London

London, United Kingdom

MSc Artificial Intelligence — Vision and Robotics Specialization.

2024

Classification: Distinction.

Relevant Coursework: Machine Learning, Deep Learning and Computer Vision (CNNs, Transformers, Diffusion Models), Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Advanced Robotics Systems (ROS), Reinforcement Learning.

### Peruvian University of Applied Sciences

Lima, Peru

Software Engineering

2021

Relevant Coursework: Data Structures and Algorithms, Database Design, Software Architecture, Software Project Management.

## EXPERIENCE

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### Freelance

Lima, Peru

#### Full Stack Android Developer

2020 – 2021

- Developed REST APIs for mobile applications using Spring Boot.
- Developed the frontend for Android applications using Kotlin.
- Designed high-fidelity UI prototypes for mobile applications.
- Elicited client requirements using Scrum practices, converted them into agile specifications, and led project development.

### Ernst & Young (EY)

Lima, Peru

#### Data Specialist

2020

- Extracted accounting data from ERP systems (SAP) of large national corporations.
- Implemented ETL workflows for transforming accounting data using Alteryx, including datasets of up to 120 million records from international and local clients.
- Designed tests and executed manual testing for software development projects.

### Informatica Delta

Lima, Peru

#### Software Engineer Intern

2019

- Implemented an ETL workflow using Java and SQL, migrating hundreds of student records to a new management system.
- Wrote a detailed guide on implementing Selenium as an automation testing tool for the company's projects.

## PROJECTS

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## SKILLS

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**Technical:** Python (PyTorch, LangChain, LangGraph, OpenCV, Numpy, Pandas, Matplotlib, scikit-learn), Java (Spring Boot, Selenium), Kotlin, C#, C++, Go, PHP, JavaScript (Node.js, Cypress), SQL, MongoDB, AWS, Git, Docker, JMeter, Postman, OpenAI API, Angular, HTML, CSS.

**Languages:** English, Spanish