

Natalia Abigail Pérez Romero

Computer scientist

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SUMMARY

I am a highly skilled and driven computer scientist with expertise in software development, algorithm design, cloud computing, and operating systems. Grounded in strong computer science fundamentals and fueled by a passion for innovation, I have developed a versatile skill set that includes network security, distributed systems, data science, and AI. My aim is to apply my technical expertise and analytical problem-solving to design scalable, efficient, and secure systems that deliver impactful and sustainable results.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript, TypeScript, Rust, Go

Cloud Platforms: Huawei Cloud, AWS, GCP, Azure

Networking & Security: Protocol design, VPNs (WireGuard, IPsec), cloud security best practices, firewalls, cryptography, network protocols

System Architecture: Distributed systems, cloud computing, microservices

Version Control: Git, GitLab, GitHub

DevOps: Docker, Kubernetes, Terraform

Databases: SQL, PostgreSQL, MySQL, MongoDB

Operating Systems: Linux, Windows

Libraries: Spring, TensorFlow, Keras, PyTorch, NumPy, Pandas, Scikit-learn

SOFT SKILLS

Problem-Solving, Collaboration & Teamwork, Adaptability, Resilience, Time Management, Critical Thinking, Leadership, Attention to Detail

EXPERIENCE

Technical Account Manager

June. 2024 - Present

Huawei Cloud

CDMX, México

- As a Technical Account Manager, I was responsible for managing and supporting the technical needs of clients using Huawei Cloud services.
- My role involved: Providing technical guidance and support to clients, assisting in the design and implementation of cloud solutions, troubleshooting technical issues, and ensuring customer satisfaction.

Teaching Assistant – Discrete Structures

Aug. 2024 - Nov. 2024

Facultad de Ciencias, UNAM

CDMX, México

- As a teaching assistant for Discrete Structures, I supported the professor in delivering key concepts of discrete mathematics and theoretical computer science to undergraduate students.
- My Responsibilities included: Leading problem-solving workshops and tutoring sessions, grading assignments and exams, assisting in the creation of additional study materials and exercises.

Teaching Assistant – Operating Systems

Feb 2024 - Jul 2024

Facultad de Ciencias, UNAM

CDMX, México

- As a teaching assistant for Operating Systems, I worked closely with the professor to teach foundational concepts of system-level programming and operating system design, clarifying complex topics, supporting students in grasping abstract concepts and applying them to problem-solving, grading theoretical assignments and exams.

EDUCATION

Technical Studies in Computing

CDMX, México

Escuela Nacional Preparatoria No. 6 "Antonio Caso"

2018 - 2021

Bachelor's Degree in Computer Science

CDMX, México

Facultad de Ciencias, UNAM

2021 - 2024

CERTIFICATIONS

NDG Linux Essentials Course - Cisco Networking Academy

Issued 06/05/2022

Introduction to Cybersecurity - Cisco Networking Academy

Issued 29/03/2021

Google Cloud Computing Foundations: Cloud Computing Fundamentals

Issued 29/06/2023

Build a Secure Google Cloud Network

Issued 09/07/2023

Google Cloud Computing Foundations: Networking & Security in Google Cloud

Issued 20/09/2023

Google Cloud Computing Foundations: Infrastructure in Google Cloud

Issued 24/09/2023

Networking Fundamentals in Google Cloud

Issued 18/01/2024