

Angel Chaico

DATA SCIENCE

Lima, Perú

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Personal Profile

As a graduate in **physics**, I harbor a passionate interest in the realm of **data science**, particularly within the domains of **artificial intelligence** and machine learning. My background in physics has equipped me with a robust analytical foundation, and I am eager to apply these skills to unravel complex challenges in the field of data science. My enthusiasm lies in **contributing to innovative projects** that push the boundaries of technology, leveraging my scientific background to address exciting challenges in this dynamic field. (Link Notion)

Work Experience

Center for Information and Communications Technologies (CTIC)

Lima, Perú

National University of Engineering

Abr 2023 - Now

- Vehicle capacity: Organize the tasks in CVAT for the creation of the data set; refine the YOLO model with new data set.
- Multi-Camera Tracking People: Train pre-trained re-identification models; create interface using the Tkinter library.

Projects

Gravitational battery, design, construction and evaluation

Lima, Perú

Magnetic materials laboratory - VRI - UNI - FIGMM.

Abr 2023 - Dic 2023

- Design, construction and experimentation using solar cells, DC motors.

Modeling and simulation in natural and social sciences

Lima, Perú

National University of Engineering.

Apr 2022 - Jul 2022

- Simulations using stochastic processes in epidemic models, cell growth and lately microorganism-based nanomachine models.

Education

International Business Machines Corporation (IBM)

Online

Professional Certificates

Jul 2023-Now

- Machine Learning: EDA, Supervised, Unsupervised, Deep Learning and Reinforcement Learning.
- AI Engineering: Deep learning and Keras, Computer Vision.
- NoSQL, Big Data, and Spark Foundations.

National University of Engineering

Lima - Perú

Bachelor of Physics.

2017-2023

- Calculus, Linear algebra and Numerical methods.
- Electromagnetism and Classical mechanics.
- Thermodynamics and Statistical physics.
- Analog and digital circuit laboratories.

Skills

Programming Python (Pytorch, Scikit-Learn, Pandas, etc), R (tidyverse) , SQL

Complemts MongoDB, SparkML, PostgreSQL

Miscellaneous Linux, \LaTeX , Power BI, Git.

Certifications

2022 **Specialization in data analytics**, Escuela Nacional de Formación Pública y Empresarial

Online

2022 **Google Data Analytics Professional Certificate**, Google

Online

2019 **Computer technician**, Faculty of Industrial and Systems Engineering - UNI

UNI - Lima

Achievements

2023	Campus Sustainable Management Brigade , Volunteering	UNI - Lima
2023	Sustainable mobility for an efficient city , ATU	Online
2022	Campaña RAEE - UNI 2022 , RSDS UNI	UNI-Lima
2020	Beca de Permanencia , Pronabec	UNI - Lima
2019	Hazlo por tu Playa , Liga Ambiental	Miraflores - Lima

Languages

English	B2
Spanish	Native proficiency

Interests

Reading	Atomic Habits, Mind a for numbers.
Sports	Jogging in the park
Lenguages	Chinese and German

References available upon request.