

André Robles Bueckmann

Data science student / Software developer enthusiast

andrerolesb.github.io/portfolio | www.linkedin.com/in/andre-robles | andreroles2005@gmail.com | +52 442 6326980

EDUCATION

Instituto Tecnológico y de Estudios Superiores de Monterrey <i>Bachelor in Data Science and Math</i>	Querétaro, México
University of Waterloo <i>Engineering S/M term</i>	Waterloo, Canada
GPA: 92.1% — English level: C1 — Spoken fluently: Spanish, English, Portuguese. — Kyu GO rating: 4k	

EXPERIENCE

Nauphilus SWE <i>Temporary contract software engineer</i> - Software engineer at Nauphilus award-winner mexican startup. - Computer vision tasks, microservices developer.	January 2025 - Current Querétaro, México
Dayforce SWE Intern <i>Dayforce/Ceridian</i> - Worked on .NET automation test with gherkin for API framework. - Created, migrated and maintained acceptance, integration and unit tests for maximum case coverage.	April 2025 - August 2025 Querétaro, México
CBETIS Instructor <i>Industrial and Services Technological High School Center</i> - Math teaching ranging basic algebra, problem-solving and algebraic notation. - Business teaching on idea conceptualization, entrepreneurship and leadership essentials.	August 2024 - December 2024 Querétaro, México
Competitive Engineer Assistant <i>EXERGIA Racing Team</i> - Collaborated in the assembly of car's rack and pinion steering wheel system for a competitive off-road vehicle. - Attended Baja SAE Politécnica de Santa Rosa competition as assistant engineer and substitute driver.	July 2023 - December 2023 Querétaro, México

PROJECTS

NASA Space Apps - Data pipeline in seismic detection - 3rd place <i>Python, Django</i> - Designed a pipeline (and presented as a webApp) for seismic data gathered on NASA Insight Lander mission. - Pipeline incorporates an autoencoder neural network, the STA/LTA algorithm, and Fourier Transforms to detect, preprocess and filter data "sent back" to earth.	October 2024
GreenGuard.com.mx - 2nd categorical - 10th global <i>Tensorflow, OpenVino, Django, GCP</i> - A hackathon development of a greenhouse purposed website for disease tracking using machine learning. - Use of tensorflow CNN classification task models leveraging OPENVINO model optimization with quantization and IR for better inference serving on Intel architectures.	September 2024
Finance application database management <i>Python, SQLite, Flask, Javascript</i> - Managed a local finance web application database with SQLite databases. - Constructed a responsive web application to display simulations of common stock operations with Python Flask.	February 2024 - April 2024
Multivariable Analysis of Patient's Diet <i>Excel, Python</i> - Multivariable regression model and ANOVA analysis of a patients nutrients. - Use of FatSecret database and API services for diet metadata retrieval.	January 2024 - February 2024

TECHNICAL SKILLS

Main programming languages: Python, SQL, R **Others:** C#, Js, VBA, MatLab, Mosel
Tools / Frameworks: Git, AWS, Flyway, Docker, Tensorflow, Pytorch, Django — Tailwind, Shadcn, Html

SOFT SKILLS

Positiveness: The ability to stay confident in one's efforts, ensuring that long-term benefits are not diminished.
Intellectual curiosity: Continuous desire of new challenges and diversification of abilities.
Cognitive flexibility: Ability to switch from tasks in ever-changing demanding situations.

Want to find out more about me? Chat with my virtual representative: [AndreGPT](#)