Michael Estrada Santana

Education

ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL (ESPOL)
Computer Science B.sc. Degree

📅 Oct 2021 - Present 📍 Guayaquil, EC

- Free Software Club (KOKOA) president, active member

Information

- @ mbestrad@espol.edu.ec
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- 📍 Guayaquil, Ecuador

Links

- GitHub **BryanEstrada003**
- in LinkedIn **maiestrada**

Coursework

- R for Research - Jun 2025
- TensorFlow-Keras Bootcamp - Jan 2025
- PyTorch Bootcamp - Jan 2025
- Introduction to Using Supercomputers for Applied Engineering Research - Jan 2025
- OpenCV Bootcamp - Dec 2024

Skills

PROGRAMMING
- Python, Rust, Zig, MySQL, PostgreSQL, JavaScript, TypeScript, Svelte, Linux, SAP Business, BigQuery, OpenCV, Open3D, Tensorflow, Pytorch

GENERAL
- Git, Microsoft Office, Typst, LaTeX, Figma, Power BI

PERSONAL
- Self-taught, teamwork, leadership, creative thinking

Languages

- Spanish native
- English B2

Hobbies

- Writing
- Reading
- Art

About me

Computer Science student with experience in data analysis, data engineering, and computer vision. Specialized in developing and optimizing 2D and 3D models with CNN architectures, as well as ETL processes, SAP automation with Python, and BigQuery. Seeking challenging opportunities to innovate and continue growing professionally.

Experience

RESEARCH ASSISTANT
Computer Vision - CIDIS

📅 Jan 2025 – Present 📍 Guayaquil, EC

- Developed Computer Vision and Deep Learning solutions for image analysis, object detection, and process automation.
- Provided technical support, software installation, and collaborated on publishing reports and scientific papers.

BUSINESS INTELLIGENCE TRAINEE
Trainee - Vitapro S.A.

📅 Jan 2024 – Jan 2025 📍 Guayaquil, EC

- Collecting and analyzing data, creating and maintaining reports and dashboards. Interpretation of data for decision making and automation of data extraction and visualization processes.
- Training on process automation in SAP with Python.

USER INTERFACE DESIGNER
Pre-Professional Internships - Zede del Litoral

📅 Sep 2023 – Jan 2024 📍 Guayaquil, EC

- Responsible for designing and developing prototypes at different fidelity levels (low, medium, and high), with the goal of improving and streamlining Zede's internal management systems.

Honors

SECOND PLACE, DATATHON WIDS 2024
WiDS 5th Edition - ESPOL

📅 May 2024 📍 Guayaquil, EC

Developed a predictive model for metastatic cancer diagnosis.

THIRD PLACE, NASA SPACE APPS CHALLENGE 2023
IKHOS Group

📅 Oct 2023 📍 Guayaquil, EC

Created a prototype interactive educational platform to highlight fundamental ocean services.

FIRST PLACE, PYWEEKEND 9TH EDITION
PyHack Group

📅 Jan 2022 📍 Guayaquil, EC

Built a facial recognition system for bicycle rentals at ESPOL using Microsoft Azure.