

Sergio Alejandro Gutierrez Maury

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Work Experience

Student Assistant | Research Support & Software Development

Amsterdam, The Netherlands

VRIJE UNIVERSITEIT AMSTERDAM

02/2023 – present

- I began as a Helpdesk Assistant in the department, assisting researchers with their technical questions and troubleshooting issues. Over time, I transitioned to focusing on Research Software Development, where I now collaborate closely with psychology researchers to bring their experiments to life. My role involves building custom software solutions and managing servers for both online and lab-based experiments, ensuring everything runs smoothly.

Data Analyst Internship

Amsterdam, The Netherlands

AGUROTECH B.V

02/2022 – 06/2022

- During my internship at Agurotech, I was responsible for developing a Minimum Viable Product (MVP) for detecting diseases in crops. The goal was to assist farmers by providing a warning on when to apply pesticides to prevent further crop damage. This project was based on research and modeling from academic papers, which I utilized to develop the MVP.
- In addition to developing the MVP, I also contributed to improving the main model of the company in predictive soil moisture. Specifically, I developed an additional feature for the model.

Data Product Assistant

Amsterdam, The Netherlands

EUROPEAN TOILETRY BROKERS (ETB) B.V

05/2021 – 10/2021

- As a Data Product Assistant at ETB, I was responsible for ensuring that all product data was accurately maintained in the system (SAP), while also identifying and highlighting any inaccuracies, and improving data quality.
- In addition to maintaining the product data, I also prepared detailed reports on the sales performance of each product for the management.

Skills

Knowledge Machine Learning, Data Science, Deep Learning, Evolutionary Algorithms

Software Python, Stata, R, LaTeX, SQL, Tableau, Excel, Qualtrics, Git, Javascript, Typescript, Linux, React

Languages Spanish, English, Dutch, Papiamentu

Education

Msc. Artificial Intelligence

Amsterdam, The Netherlands

VRIJE UNIVERSITEIT AMSTERDAM

09/2021 – 08/2024

- Specialization Track: Artificial Intelligence.
- Elective AI Courses at Universiteit van Amsterdam
- Final Thesis: Sensory Heterogeneous Predator Swarm vs Fully Sensing Prey Swarm. Robotics Thesis on Swarm Intelligence
- Thesis grade: 8.5/10

Bsc. Economics and Business Economics

Amsterdam, The Netherlands

UNIVERSITEIT VAN AMSTERDAM

09/2017 – 06/2021

- Major: Economics
- Final Thesis: Beliefs About Climate Change: Measuring People Accuracy of CO_2 Emissions of the Products They Consume More Often and Their Willingness to Change
- Thesis grade: 8/10
- Minor: Data Science and Artificial Intelligence

IES Benito Pérez Armas

Santa Cruz de Tenerife, Spain

TÍTULO DE BACHILLER (VWO IN THE NETHERLANDS)

09/2013 – 05/2015

- Track: Ciencias Sociales (Social Sciences).

Projects

Work in Progress Psychology Study

Vrije Universiteit Amsterdam

HOE ZEG JIJ IETS MET

2024

- I collaborate closely with psychology researchers to develop and maintain an online experiment available at hoezegijijetsmet.nl.

Part of Course Assignments

Vrije Universiteit Amsterdam

MISCELLANEOUS PROJECTS AT UNIVERSITY

2021-2024

- During my MSc in Artificial Intelligence, I undertook various projects as part of my assignments. These projects included working with neural networks, developing reinforcement learning algorithms, and designing and conducting experiments involving robots for social AI applications.

Extracurricular Activity

Volunteer Help Desk

Santa Cruz de Tenerife, Spain

SPANISH RED CROSS

05/2016 - 08/2016

- My role was to greet and assist individuals at risk of social exclusion. I provided them with information about the services offered by the NGO to help improve their situation and advised them on the necessary documents required to access these services.