Adnane Ahroum

✉ adnaneahroum69@gmail.com   📞 +1 (914) 406-1771   📍 New Rochelle, New York   in Adnane Ahroum   ⌗ Adnane Ahroum

EDUCATION

Monroe University   2025 – Present
Master of Science in Data Science   New Rochelle, NY, USA

Al Akhawayn University in Ifrane   2021 – 2025
Bachelor in Computer Science minoring in Business Analytics & AI, with 75% Excellence Scholarship   Ifrane, Morocco
Cum Laude (3.34/4.00)

Hanyang University   02/2024 – 06/2024
Exchange Semester in the Information Systems Departement   Seoul, South Korea

EXPERIENCE

Al Akhawayn University in Ifrane   09/2023 – 05/2025
Teacher Assistant   Ifrane, Morocco
- Dr. Hamza Bennani (CSC 2303 - Object Oriented Programming)
- Dr. Tajj-Eddine Rachidi (CSC 3309 - Introduction to Artificial Intelligence)
- Dr. Ibtissam Latachi (CSC 1300 - Introduction to Computers)

Orange Maroc   07/2024 – 08/2024
Intern - Data Scientist   Casablanca, Morocco
- English-to-Darija translation model Development for a call center IVR system (Seq2Seq).
- Fine-tuned and trained the model with optimized Hyperparameters.
- Conducted testing and validation to ensure high accuracy in a business environment.

- Assessed real-world projects in the CRC department (NPS-CRM).   01/2024 – 02/2024
- Documented a new cloud solution "Genesys Cloud" and explored potential migration opportunities.

Anisse International School   2019 – 2021
Modal United Nations Club Founder   Casablanca, Morocco
- Delegate in "El Araki School MUN" and "Harvard University MUN".
- "UN" methodology trainer inside the school.
- Position paper, Policy statement, and Country profile search advisor.
- Event manager on multiple occasions.

PROJECTS

Deep Learning Pipeline for Brain Tumor Segmentation and Classification   01/2025 – 05/2025
PyTorch, MONAI, 3D Slicer, Apache Airflow, Hugging Face, Weights & Biases
- AI pipeline combining U-Net for segmentation and DenseNet121 for classification on BraTS (University of Pennsylvania) dataset.
- Integrated preprocessing, interactive labeling, and model training.

Bust The Ghost   09/2023 – 11/2023
Unity, C#, Blender
- Engine Game Development to demonstrate the Bayesian Inference Principles.

Glow Mart (Saint Lux Mideterranean Company)   02/2023 – 06/2023
JavaScript, Ruby, TypeScript, React-Native, Firebase
- Shopping Mobile Application focused on Lighting Products.
- Accessible order tracking, menu selection, and bill retrieval.

SKILLS

Video Editing (Vegas PRO)

Programming Languages:
Python, C++, Java, SQL, JavaScript, C

Libraries:
TensorFlow, PyTorch, MONAI, Pandas, Numpy, Nibabel, Matplotlib, OpenCV

LANGUAGES

Arabic
(Native)

French
(TCF C1 Level)

English
(IELTS 6.5 Overall Band Score)

Introductory Korean
(Grade: 3.5/4.5)

Introductory German
(Grade: 3.00/4.00)