BILLEL AISSANI

SEEKING A RESEARCH INTERNSHIP IN GENERATIVE AI IN HEALTHCARE

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A graduate engineer with a strong background in data analysis and statistical modeling. I am currently specializing in Artificial Intelligence in Healthcare through a dedicated research master's program. My professional journey has led me to pivot from a career in finance and actuarial science to a deep passion for generative AI, cheminformatics, and protein design. I am eager to contribute my analytical and mathematical skills to a project that uses AI to solve urgent challenges in the healthcare and life sciences sectors.

SKILLS

Python (NumPy, Pandas, Matplotlib)	R Studio	Effective Communication
Machine Learning (Scikit-learn)	Bash	Computational Biology
Deep Learning (PyTorch, TensorFlow)	Languages: French (Native) - English (C1) - Arabic (Basic)	

EDUCATION

PSL UNIVERSITY, PARIS, FRANCE — **Sept 2025 - Jan 2026**
MSc in Sciences & Technology for Health (ST4H) - AI in Healthcare Track
- Machine Learning & Deep Learning / Bioinformatics
- Biomedical Image Analysis
- Cheminformatics and Drug Design
- Machine Learning for Genomics.

CONSERVATOIRE NATIONAL DES ARTS ET MÉTIERS — **March 2025 - September 2025**
Certificate of Specialization - Artificial Intelligence in Healthcare
- Machine Learning and Deep Learning courses
- Final Project: Detection of the PIK3CA mutation in breast cancer.
- **Github Project: <u>Detection of a mutation in the breast cancer using Deep Neural Network</u>**

PARIS DAUPHINE UNIVERSITY PSL — **2021 - 2022**
Master of Insurance and Risk Management (218)
- Actuarial Science.
- Statistical modeling, lifetime models, and risk assessment.

INGENIEUR CIVIL, MINES DE SAINT-ETIENNE — **2019 - 2022**
General engineering school
- Specialization: Data Science and Applied Mathematics.

SCIENTIFIC PREPARATORY CLASS — **2016 - 2019**
- Lycée Janson de Sailly, Paris 16, Filière PC
- Lycée Gustave Monod, Enghien les Bains, Filière PCSI / PC

PROESSIONAL EXPERIENCE

VIE Pricing Analyst, Credit Agricole Creditor Insurance, Dublin — **May 2023 - December 2024**
- Collect, clean and analyze partners' database in order to be able to perform back testing to update risk assumptions (Death, Disability, Hospitalization, Loss of employment...) for better price adequacy. Technologies : SAS, SQL, Microsoft Excel.

Consultant Junior, Exiom Partners, Paris — **April 2022 - May 2023**
- Pricing Analyst: Pricing of property damage and business interruption insurance contracts for a Canadian broker using a statistical cost-frequency model (BFL Canada). Technology: Python.