

Younes Sghyer

Data scientist and Python backend devloper

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<https://github.com/Younes202>

PROFILE

Enthusiastic Data Scientist with expertise in Machine Learning, Deep Learning, and Backend Development. Passionate about leveraging AI, data-driven insights, and automation to solve real-world challenges across finance, healthcare, energy, and e-commerce ... Experienced in building intelligent systems, predictive analytics, and scalable APIs for various industries.

WORK EXPERIENCE

Data Scientist at FinTech

FintechFusion - Remote | Abu Dhabi, United Arab Emirates

June 2024 - Present

- Specialized in machine learning for trading and quantitative analysis.
- Experienced in technical trading indicators, risk management, backtesting, and API development.
- Developed a real-time trading bot and sentiment analysis algorithms for cryptocurrency markets.
- Applied machine learning techniques, including NLP via Python, to enhance trading decisions via predictions and financial analysis.

Intern Data Scientist

WorldQuant University - Remote | New Orleans, USA

January 2024 - August 2024

Worked on 8 real-world data science projects in real estate, finance, and environmental sectors...

- Real estate price prediction.
- Apartment sales forecasting.
- Air quality assessment for policy recommendations.
- Earthquake damage estimation for risk assessment.
- Bankruptcy risk prediction for financial stability.
- Customer segmentation for targeted marketing.
- A/B testing to improve user retention.
- Asset volatility analysis for investment strategies.

Intern Blockchain Technology

Zurich University - Remote | zurich, switzerland

July 3 - 21 2024

Worked on a project of Automotive Industry with Blockchain: Transparency, Security, and Efficiency ..

Web Developer (Freelance)

2021-2023

- Developed secure e-commerce authentication & payment integrations.
- Built scalable web solutions with FastAPI & React.
- Optimized performance & reinforced web security.

EDUCATION

Master of science in Financial engineering (Ongoing) WorldQuant University - American university	2024-now
Bachelor degree in IT systems Engineering SupMti engineering school - Moroccan engineering school	2020-2023

Technical Skills

- Programming: Python (Flask, FastAPI), SQL, Bash, C, C++
- Machine Learning: Supervised & Unsupervised Learning, NLP, Deep Learning (PyTorch, TensorFlow)
- Data Analytics: Statistical Modeling, Predictive Analysis, Feature Engineering
- Databases: PostgreSQL, MongoDB, SQLite
- Tools & Platforms: Docker, GitHub, CI/CD, AWS, Railway
- Domain Knowledge: Finance, Retail, AI Automation, NLP, Business Intelligence

Certificates & Awards

- Applied data science program 8 months from World Quant university
- Financial engineering program 6 months from World Quant university
- Blockchain technology certificate zurich university
- Orange Digital Centers 4 Certificates in IT
- First Prize of innovation At SupMti engineering School

Languages

English (Fluent)	French (Fluent)
German (Basic)	Chinese (Basic)

Hobbies & Interests

- Automotive & Racing : Passion for motorsports & high-performance vehicles.
- AI & Robotics : Building intelligent automation systems.
- Crypto & Algorithmic Trading : Quantitative trading & market analysis.
- Languages & Culture : Learning new languages & exploring new cultures.
- Fitness & Wellness : Staying active & maintaining a healthy lifestyle.
- Gaming & Simulations : Interest in strategy games & driving simulators.