

Mohamad Shoumar

Team Lead – Algorithmic Trader

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Profile

User-focused Team Lead with 3 years of experience in back end and algorithmic trading systems.

Currently leading a team of 5 engineers, driving sprint planning, code reviews, and enforcing a strict testing culture to ship fast while maintaining quality.

Skilled in Python, FastAPI, AWS, system design, and trading systems.

Professional Experience

CoinQuant, Abu Dhabi
Team Lead – Algorithmic Trader

Sept 2025

- Architected scalable backtesting system on AWS Lambda, supporting 800 plus concurrent backtests with zero production failures.
- Lead development of multi position scaling feature, enabling advanced position sizing strategies.
- Design and implement slippage model to improve backtest realism and trading cost accuracy.

CoinQuant, Abu Dhabi
Backend Developer

Jun 2024 to Aug 2025

- Improved the microservices packaging system by leading the migration from Bazel to Poetry, simplifying dependency management and builds.
- Established a local development workflow, improving developer experience and reducing setup and iteration time.

CoinQuant, Abu Dhabi
Full Stack Developer

Jun 2023 to Jul 2024

- Developed and deployed a mobile application using react native and firebase.
- Built user interface for backtesting platform from scratch.
- Implemented features and internal tools to enhance product functionality.
- Designed REST APIs to support frontend integration.

Education

Software Engineering Factory, Full Stack Software
Engineering Bootcamp

Nov 2022 to May 2023

- Completed the boot camp as a Star Developer with a Full stack web app. [Github Repo](#)

American University of Beirut, Psychology

2018 to 2021

Areas of Expertise

Python | FastAPI | AWS | React | Trading Systems | Git