

APOSTOLOS ANASTASIOS KOUZOUKOS

Thessaloniki, Greece

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EDUCATION

University of Macedonia

BSc. in Applied Informatics

September 2016 - September 2020

7.39/10

- Thesis: Exploring Deep Learning Methods For Algorithmic Trading ([PDF](#))

WORK EXPERIENCE

GoCharlie.ai

Data Engineer

August 2022 - Present

Thessaloniki, Greece

- Collecting, preprocessing and storing datasets.
- Developing crawlers and web scrapers.
- Conducting research for the optimal way to acquire marketing-specific data.

University of Macedonia

Research Software Engineer/Data Engineer

March 2021 - Present

Thessaloniki, Greece

- Designing, implementing and deploying web apps & APIs.
- Utilizing ML/DL and optimization methods for applications in FinTech.
- Collaborating with fellow researches and contributing to scientific papers.

FoodTec Solutions

Java Developer

March 2020 - March 2021

Thessaloniki, Greece

- Working on large scale projects, mainly developing new server-side functionalities.
- Writing unit tests, manually testing new features and providing feedback.
- Reviewing code written by other developers.

SKILLS

Programming Languages: Java, Python, JavaScript, C, SQL, HTML/CSS

Technologies: Linux, Git, Gradle, Docker, \LaTeX

Frameworks & Libraries: Spring Boot, FastAPI, React.js, scikit-learn, Keras, Apache Spark

PERSONAL PROJECTS

AltroBot

September 2019 - June 2020

- Algorithmic trading bot for the stock market.
- Utilizes ML/DL methods for predictions.
- Explores various trading strategies in order to maximize profitability.

QFiPy

June 2018 - June 2019

- Portfolio optimization library in Python based upon Modern Portfolio Theory.
- Utilizes numerical methods to optimize the performance of the portfolios given historical data.
- Fixed income pricing methods and time series models are also implemented.