APOSTOLOS ANASTASIOS KOUZOUKOS

Thessaloniki, Greece

+30 690 662 4408 ⋄ kouzoukos97@gmail.com ⋄ github.com/kouzapo

EDUCATION

University of Macedonia   *September 2016 - September 2020*
BSc. in Applied Informatics   *7.39/10*

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

WORK EXPERIENCE

University of Macedonia   *March 2021 - Present*
Research Software Engineer/Data Scientist   *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   *March 2020 - March 2021*
Java Developer   *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.

COMPETITIONS

Google Hash Code 2019   *February 2019*

· 303735 points in qualification round (ranked 40 in Greece, 2977 worldwide).
· 355624 points in extended round (ranked 31 in Greece, 1720 worldwide).