

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

University of Macedonia

Research Software Engineer

March 2021 - Present

Thessaloniki, Greece

- Participating in various research projects, mainly focused on ML/DL applications.
- Collaborating with fellow researchers in designing and implementing software solutions.
- Writing reports and documentation.

FoodTec Solutions

Java Developer

June 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, Web Services, \LaTeX

Frameworks & Libraries: Spring, FastAPI, pandas, 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).