

Panagiotis Kostopanagiotis

 Github |  LinkedIn |  Google Scholar |  Portfolio |  E-mail

Professional Experience

- IMC Trading** **Amsterdam, Netherlands**
August 2021-Present
 - Graduate Software Engineer, Europe Execution,
 - Building Automated Trading Tools for European Options' and Equity Markets.
- Max Planck Institute for Informatics** **Saarbrücken, Germany**
February 2021-April 2021
 - Research Intern, Theoretical Computer Science,
 - Machine-Learning Augmented Algorithms for Robust Online Optimization.
- Bloomberg LP** **London, UK**
July 2020 – September 2020
 - Software Engineering Intern, Financial Analytics,
 - Project: **Quantum Computing for Option Valuation Description**
 - Architected and Implemented an API to price a variety of option contracts.
 - Designed the Algorithm used for the pricing using Quantum Amplitude Estimation.
 - Built a communication protocol to communicate via HTTP Requests with the **IBM Quantum Machines**.
 - Main technologies used: Python, C++, Qiskit, Numpy, Matplotlib, SciPy, Javascript, Typescript.

Education

- Integrated M.Eng Electrical and Computer Engineering** **Athens, Greece**
2015-2021
 - National Technical University of Athens
 - Graduated Magna Cum Laude
 - Integrated Master's Degree in Computer Science & Engineering, Minor in Mathematics.
 - Founder of **Alcoholics-NTUA**, a community aiming to spread CS knowledge across the country.
 - Teaching Assistant: Algorithms and Complexity, Discrete Math.
 - Master Thesis: *On the Approximability of Multistage Min Sum Set Cover*.

Honors and Awards

- International Olympiad In Informatics, Balkan Olympiad in Informatics** 2013-2015
 - Ranked 2nd and 3rd nationwide. Participated as a member of the national team.
- IEEE Xtreme International Programming Competition** 2016, 2017, 2020
 - Ranked 55th, 48th and 17th worldwide out of 4500+ teams.
- ACM/ICPC Southern Eastern Regional Contest** **Bucharest, Romania**
2018
 - Represented my university in a team of 3. We ranked 19th out of 87 teams.
- International Mathematics Competition for University Students** **Blagoevgrad, Bulgaria**
2019
 - Selected after preliminary round in the university top 4. Received Honorable Mention.

Conference Publications

- On the Approximability of Dynamic Min Sum Set Cover** **Glasgow, Scotland**
2021
 - Colloquium on Automata, Languages and Programming (ICALP 2021)
- Reallocating Multiple Facilities on the Line** **Macao, China**
2019
 - International Joint Conference on Artificial Intelligence (IJCAI 2019)

Technical Skills

- Programming Languages:** C, C++, Python, Java, Javascript, Haskell
- Libraries/Frameworks:** React.JS, Express.JS, Node.JS, Flask, Pandas, Qiskit
- Tools/Technologies:** Git, Docker, MySQL, Vim, Unix, LaTeX