

Panagiotis Kostopanagiotis

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

Professional Experience

- **IMC Financial Markets** **Amsterdam, Netherlands**
August 2021-Present
Software Engineer, Europe Execution,
 - Low Latency and High Performance Execution in the European and Crypto Options Markets.
 - Tech Stack: C++, Java, Python, Bazel, Maven, Google Test, JUnit, Teamcity
- **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**
 - Designed and Implemented an API to price option contracts using Quantum Amplitude Estimation.
 - Built a communication protocol to communicate via HTTP Requests with the **IBM Quantum Machines**.
 - Tech Stack: Python, C++, Javascript, Typescript, Qiskit, Numpy, Matplotlib, SciPy.

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*.

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)

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.
- **IEEEExtreme 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. 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.

Technical Skills

- **Programming Languages:** C, C++, Python, Java, Javascript, Haskell
- **Tools/Technologies:** Git, Gerrit, Docker, Kubernetes, Bazel, Maven, Google Test, LaTeX
- **Miscellaneous:** Linux, Networking, Unit/Integration Testing, MySQL, CI/CD