Panagiotis Kostopanagiotis

🌐 Portfolio | ⌽ Github | **in** LinkedIn | **G** Google Scholar | ✉ E-mail

Professional Experience

○ **IMC Financial Markets**   **Amsterdam, Netherlands**
  Software Engineer, Europe Execution,   *August 2021-Present*
  - Ultra Low Latency Market Making in the European and Crypto Options Markets.
  - Tech Stack: C++, Java, Python, SQL, Bazel, Maven, Google Test, TeamCity

○ **Bloomberg LP**   **London, UK**
  Software Engineering Intern, Derivatives Pricing,   *July 2020 – September 2020*
  - <u>Project</u>: **Quantum Computing for Option Valuation Description**
  - Designed and Implemented an API to price option contracts using Quantum Amplitude Estimation.
  - Built a communication protocol to execute quantum circuits in the **IBM Quantum Machines**.
  - Tech Stack: Python, C++, Javascript, Typescript, Qiskit, SciPy.

Education

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

Scientific Publications

○ **On the Approximability of Multistage Min Sum Set Cover**   **Glasgow, Scotland**
  *Colloquium on Automata, Languages and Programming(*ICALP 2021)   *2021*

○ **Reallocating Multiple Facilities on the Line**   **Macao, China**
  *International Joint Conference on Artificial Intelligence(*IJCAI 2019)   *2019*

Honors and Awards

○ **International Olympiad In Informatics, Balkan Olympiad in Informatics**
  Ranked 2nd and 3rd Nationwide.Participated as a member of the national team.   *2013-2015*

○ **IEEEXtreme International Programming Competition**
  Ranked 55th, 48th and 17th worldwide out of 4500+ teams.   *2016,2017, 2020*

○ **ACM/ICPC Southern Eastern Regional Contest**   **Bucharest, Romania**
  Represented my university in a team of 3. Ranked 19th out of 87 teams.   *2018*

○ **International Mathematics Competition for University Students**   **Blagoevgrad, Bulgaria**
  Selected after preliminary round in the university top 4. Received Honorable Mention.   *2019*

Technical Skills

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