Panagiotis Kostopanagiotis

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Professional Experience

Susquehanna International Group — **Dublin, Ireland**
Quantitative Researcher, Sports Trading and Analytics, — *January 2023-Present*
- Developing Proprietary Strategies for Sports Betting in the American Sports Market.
- Tech Stack: Python, SQL, Pandas, Numpy, Scikit-Learn

IMC Financial Markets — **Amsterdam, Netherlands**
Software Engineer, Options Market Making, — *August 2021-July 2023*
- Built and Maintained Ultra Low Latency Systems in C++ for Automated Options Market Making.
- Joined the newly founded Crypto Options Trading Desk in a team of 3 engineers.
- Owned and was in charge of building all the systems responsible for executing one of our Automated Trading Strategies.
- Tech Stack: C++, Java, Python, SQL, Bazel, Maven, Google Test, TeamCity

Bloomberg LP — **London, UK**
Software Engineering Intern, Derivatives Pricing, — *July 2020 – September 2020*
- 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 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 and Mathematics.
- Teaching Assistant: Algorithms and Complexity, Discrete Mathematics.
- Master Thesis: *On the Approximability of Multistage Min Sum Set Cover.*

Conference 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 17th, 48th and 55th 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