

Christos Samouchos



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📍 Van Eysingalaan 50
3527VL, Utrecht

📅 25th June 1998

🇬🇷 Greek

🔗 [Personal Website](#)

Languages

Greek	● ● ● ● ●
English	● ● ● ● ●
German	● ● ● ● ●
Dutch	● ● ● ● ●

Skills

Programming / Tools

- Python, C, C++, SQL, Assembly (MIPS), NI Labview, UNIX Scripting, Matlab, Java
- Docker, PostgreSQL, Fluentd

Data Analysis and Visualization

Grafana, Power BI, Tableau, ArcGIS

Awards

YES AUEB

Scholarship, AUEB

Youth Entrepreneurship Summer Program

Interests

Physics, History, Philosophy, Music, Bouldering, Sailing

Professional Experience

Python Software Engineer, Datenna S.A. [🔗](#)

November 2023 – present | Eindhoven, Netherlands

I research effective methods of obtaining open source data using advanced technical solutions. I design and develop key system components in a data-intensive environment, applying concurrency concepts and object-oriented programming (OOP) principles.

Telecommunications Software Engineer, Fasmetrics S.A. [🔗](#)

February 2022 – June 2023 | Athens, Greece

I developed system components using C, Assembly and LabVIEW for improvement of in-house SONAR platform. I conducted Telecom-oriented Analysis for data intensive applications using Post Processing Tools to perform KPIs analysis and optimization on a multi-vendor environments for 2G/3G/4G/5G and GSM-R networks.

Lab Teaching Assistant, NKUA [🔗](#)

October 2018 – January 2020 | Athens, Greece

Worked for two years as teaching assistant in the laboratory of Signal Processing for the “Circuits and Systems” course.

Education

BSc in Informatics and Telecommunications,

National and Kapodistrian University of Athens [🔗](#)

October 2016 – October 2021 | Athens, Greece

Educational path: "Computer Engineering & Telecommunications" with further specialization in:

- Hardware and Architecture
- Communications and Networking

Final grade: 7.74 EQF: level 6 Number of credits: 244 ECTS

Thesis: Measurement Device Independent (MDI) quantum key distribution.

Erasmios Greek-German School

2003 – 2016 | Athens, Greece

Final grade: 19.6/20 | EQF Level: 4

Courses

Quantum Communication and the Quantum Network Explorer,

edX-DelftX [🔗](#)

September 2024 – October 2024

Introduction you to the quantum networks and quantum communication with a focus on protocol and application development and the simulation of quantum networks using QNE-ADK [🔗](#) in Python.

Geographic Information Systems,

National and Kapodistrian University of Athens [🔗](#)

April 2023 – June 2023 | Athens, Greece

Training program for processing and analysis provided by Geographical Information Systems (GIS) and creation of local and online applications with ArcGIS.

Projects

Parallel Heat diffusion

Programming of multi core system for the computation of heat diffusion in metal plate for industrial use. Benchmarking of CUDA and MPI for the efficiency of the algorithm.