

NIKOLAOS PAGONAS

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EDUCATION

National Technical University of Athens

Oct 2018 - Present

Master of Electrical and Computer Engineering

- **GPA:** 9.40/10.00
- **Concentration:** Computer Systems, Software Engineering, Computer Networks
- **Thesis:** Scaling Out Shell Scripts Using Serverless (tentative)
- **Advisors:** Prof. Georgios Goumas (NTUA), Prof. Nikos Vasilakis (Brown University)

RESEARCH AND WORK EXPERIENCE

Brown University

Sep 2023 - Present

Visiting Research Intern

- **Advisor:** Prof. Nikos Vasilakis
- **Research Objective:** Improving the performance of shell scripts by running them on serverless infrastructure

Arrikto Inc.

Dec 2022 - Mar 2023

Software Engineering Intern

- **Objective:** Serving PyTorch models using KServe, a highly scalable machine learning deployment platform for Kubernetes

National Technical University of Athens

Oct 2022 - Sep 2023

Technical Support

- **Supervisors:** Prof. P. Tsanakas, Prof. E. D. Sykas
- Worked on the university-wide OpenStack cloud infrastructure
- Provided technical support for the university's coursework platform

Seed Robotics

Oct 2022 - Jun 2023

Robotics Instructor

- Guided school students through construction and programming of a plethora of robotics projects
- Served as coordinator and leader of the school robotics team in the annual municipal festival on science, arts, and sports

TEACHING EXPERIENCE

National Technical University of Athens

Mar 2022 - Jun 2022

Lab Assistant

- **Course:** Operating Systems
- **Professors:** N. Koziris, G. Goumas

National Technical University of Athens

Mar 2020 - Jun 2020

Lab Assistant

- **Course:** Programming Techniques
- **Professors:** N. Papaspyrou, A. Pagourtzis, G. Stamou, G. Goumas

- **Course:** Introduction to Programming
- **Professors:** S. Zachos, N. Papaspyrou, D. Fotakis

COMPETITIONS

14th National Electrical and Computer Engineering Conference 2023

- Won 1st place in the conference-wide programming competition

IEEEExtreme 2019-2022

- Annual international programming competition held by IEEE
- Proctor: Prof. N. Koziris
- Ranked 14th in Greece, 91st in Europe

SEMINARS

Mega-ACE Blockchain Seminar 2023

- Lectures and workshops on blockchain, cryptography and smart contracts
- Co-organized by Purdue University (Prof. V. Zikas) and the National Technical University of Athens (Prof. A. Pagourtzis)

SKILLS

Programming Languages	C, Python, Javascript, Shell, Java, Go
Platforms	AWS, Docker, Kubernetes, Apache Kafka, Apache Spark
Tools	Git, LaTeX

LANGUAGES

English	Fluent - TOEFL iBT 116/120 (C2)
Greek	Native

LAST UPDATED

October 9, 2023