

NIKOLAOS PAGONAS

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EDUCATION

Columbia University

PhD in Computer Science

Sep 2024 — Present

New York, NY, US

- **Advisor:** Prof. Kostis Kaffes

National Technical University of Athens

Master of Electrical and Computer Engineering

Oct 2018 — Jun 2024

Athens, Greece

- **GPA:** 9.40/10.00 (top 2% of cohort)
- **Related courses:** Distributed Systems, Parallel Processing, Operating Systems, Computer Networks
- **Thesis:** SPLASH: Scaling Out Shell Scripts on Serverless Platforms
- **Advisors:** Prof. Georgios Goumas (NTUA), Prof. Nikos Vasilakis (Brown University)

RESEARCH AND WORK EXPERIENCE

Brown University

Student Intern

Sep 2023 — May 2024

Providence, RI, US

- **Advisor:** Prof. Nikos Vasilakis
- Conducted research on improving the performance of shell scripts by running them on serverless infrastructure

National Technical University of Athens

Technical Support

Oct 2022 — Sep 2023

Athens, Greece

- **Supervisors:** Prof. P. Tsanakas, Prof. E. D. Sykas
- Provided technical support for the university's OpenStack cloud infrastructure, as well as its course-work platform, both used extensively by all nine departments

Arrikto Inc.

Software Engineering Intern

Dec 2022 — Mar 2023

Athens, Greece

- Explored how the company can serve PyTorch models more efficiently by using KServe, a highly scalable machine learning deployment platform for Kubernetes

TEACHING EXPERIENCE

Brown University

Teaching Assistant

Spring 2024

- **Course:** Distributed Systems
- **Professor:** N. Vasilakis
- Helped revamp the course by redesigning its semester-long project, and by implementing infrastructure for autograding distributed systems

National Technical University of Athens

Lab Assistant

Spring 2022

- **Course:** Operating Systems

- **Professors:** N. Koziris, G. Goumas

National Technical University of Athens

Spring 2020

Lab Assistant

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

National Technical University of Athens

Fall 2019

Lab Assistant

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

SERVICE

17th European Workshop on Systems Security — EuroSec 2024

2024

Web and Publication Chair

HONORS AND AWARDS

Columbia University Presidential Fellowship

2024

Fu Foundation School of Engineering and Applied Science

- **Selection rate:** 10/700 (1.4%)

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