

NIKOLAOS PAGONAS

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EDUCATION

Columbia University

PhD in Computer Science

Sep 2024 — Present

New York, NY, US

- **Advisor:** Prof. Kostis Kaffes
- **Project:** Improving the performance of LLM inference systems
- **GPA (current):** 4.0/4.0

National Technical University of Athens

Master of Electrical and Computer Engineering

Oct 2018 — Jun 2024

Athens, Greece

- **GPA:** 9.39/10.00 (top 2% of cohort)
- **Thesis:** SPLASH: Scaling Out Shell Scripts on Serverless Platforms
- **Advisors:** Prof. Georgios Goumas (NTUA), Prof. Nikos Vasilakis (Brown University)

EXPERIENCE

Brown University

Student Researcher

Sep 2023 — May 2024

Providence, RI, US

- **Advisor:** Prof. Nikos Vasilakis
- **Project #1:** Improving the performance of shell scripts by running them on serverless infrastructure
- **Project #2:** Providing fault tolerance for distributed shell script execution

Arrikto Inc.

Software Engineering Intern

Dec 2022 — Mar 2023

Athens, Greece

- **Project:** Serving PyTorch models more efficiently through KServe, a highly scalable machine learning deployment platform for Kubernetes

HONORS AND AWARDS

Columbia University Presidential Fellowship

2024

TEACHING

Brown University

Project Shepherd

Fall 2024

- **Course:** Systems Transforming Systems
- **Professor:** N. Vasilakis
- Guided students through a systems research project (implementation, evaluation, and paper writing)
- Paper submitted to USENIX ATC 2025

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 autograding infrastructure for the distributed systems built by the students

National Technical University of Athens

Spring 2022

Lab Assistant

- **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

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