

# NIKOLAOS PAGONAS

[nikospagonas00@gmail.com](mailto:nikospagonas00@gmail.com) | [nikpag.github.io](https://nikpag.github.io)

## EDUCATION

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**Columbia University**

*PhD in Computer Science*

Sep 2024 — Present

*New York, NY, US*

- **Advisor:** Prof. Kostis Kaffes
- Exploring how to improve the performance of LLM inference systems

**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

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**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

## HONORS AND AWARDS

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**Columbia University Presidential Fellowship**

2024

- 1% selection rate

## TEACHING

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**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

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

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17th European Workshop on Systems Security — EuroSec 2024

2024

*Web and Publication Chair*

## SKILLS

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**Programming Languages**

C, Python, Javascript, Shell, Java, Go

**Platforms**

AWS, Docker, Kubernetes, Apache Kafka, Apache Spark

**Tools**

Git, LaTeX

## LANGUAGES

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**English**

Fluent — TOEFL iBT 116/120 (C2)

**Greek**

Native