

# NIKOLAOS PAGONAS

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

## 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

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

## LANGUAGES

<b>English</b>	Fluent — TOEFL iBT 116/120 (C2)
<b>Greek</b>	Native