Spyridon Pavlatos

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EDUCATION		

University of Pennsylvania — *2022–Present*

Ph.D. Computer Science
- *Overall GPA:* 3.91/4.00
- *Advisor:* Rajeev Alur
- *Research Focus:* Verification for Distributed Systems

National Technical University of Athens — *2016–2022*

Integrated Masters (5-year joint degree, 300 ECTS) Electrical & Computer Engineering (ECE)
- *Overall GPA:* 9.26/10
- *Major:* Computer Science
- *Thesis:* "A Test Suite for Model Checking Persistent Memory Programs". *Advisor:* Kostis Sagonas.

EXPERIENCE

White Noise - Space Engineering Team — *2017-2019*
- Founding member
- Competed in space engineering competitions for university students:
  - *Cansat in Greece 2018.* Designed parts of electrical and sensors subsystems. Responsible for social media.
  - *Cansat Competition 2019* by American Astronautical Society. Designed telecommunications and data handling subsystems.

PUBLICATIONS

[1] Haoran Zhang, Konstantinos Kallas, **Spyros Pavlatos**, Rajeev Alur, Sebastian Angel, Vincent Liu "MuCache: A General Framework for Caching in Microservice Graphs". *NSDI'24*.

TEACHING EXPERIENCE

Teaching Assistant — *Spring 2024*
Institution: University of Pennsylvania
Course: Compilers
Professor: S. Zdancewic

Teaching Assistant — *Fall 2023*
Institution: University of Pennsylvania
Course: Software Analysis
Professor: M. Naik

Lab Assistant — *Spring 2021*
Institution: National Technical University of Athens
Course: Programming Techniques
Professors: G. Goumas, A. Pagourtzis, N. Papaspyrou

Lab Assistant — *Fall 2020*
Institution: National Technical University of Athens
Course: Introduction to Programming
Professors: D. Fotakis, N. Papaspyrou

TECHNICAL SKILLS

Programming Languages	C/C++, Erlang, Haskell, Coq, JavaScript, Python, SML
Operating Systems	Windows, Linux
Databases	MySQL, MongoDB
Version Control	Git/Github

Frameworks & Tools	OpenMP, matplotlib, NumPy, Pytorch, LLVM, PROPER
Typesetting	LaTeX

HONORS &
AWARDS

- *Soloman M. Swaab Fellowship* - University of Pennsylvania.
- Space Engineering Competition *Cansat in Greece 2018*. 1st Prize in university students category.
- Programming Competition *IEEEXtreme 15.0*. Ranked 94th out of 5500+ teams worldwide.
- Programming Competition *IEEEXtreme 14.0*. Ranked 99th out of 3700+ teams worldwide.
- Programming Competition *IEEEXtreme 13.0*. Ranked 184th out of 4000+ teams worldwide.
- Panhellenic Physics Competition *Aristotle 2016*. 3rd Prize of Excellence (Bronze Medal). Ranked 25th overall.

LANGUAGES

Greek (native), English (C2), German (C1)

MEMBERSHIPS

IEEE Member

HOBBIES

Basketball, Running, Swimming, Cinema, Reading

LAST UPDATED

January 25, 2024