

WEBSITE: [spyrospav.github.io](https://spyrospav.github.io)

EDUCATION	<div><div><div>University of Pennsylvania</div><div>Ph.D. Computer Science</div><div><div>– Advisor: Rajeev Alur</div><div>– Research Focus: Verification for Distributed Systems</div></div></div><div><div><div>National Technical University of Athens</div><div>Integrated Masters (5-year joint degree, 300 ECTS) Electrical &amp; Computer Engineering (ECE)</div><div><div>– Overall GPA: 9.26/10</div><div>– Major: Computer Science</div><div>– Thesis: “A Test Suite for Model Checking Persistent Memory Programs”. Advisor: Kostis Sagonas.</div></div></div></div><div>2022–Present</div><div>2016–2022</div></div>
EXPERIENCE	<div><div><div>White Noise - Space Engineering Team</div><div><div>– Founding member</div><div>– Competed in space engineering competitions for university students:<div><div>– Cansat in Greece 2018. Designed parts of electrical and sensors subsystems. Responsible for social media.</div><div>– Cansat Competition 2019 by American Astronautical Society. Designed telecommunications and data handling subsystems.</div></div></div></div></div><div>2017-2019</div></div>
PUBLICATIONS	<div><div>[1] Haoran Zhang, Konstantinos Kallas, <u>Spyros Pavlatos</u>, Rajeev Alur, Sebastian Angel, Vincent Liu “MuCache: A General Framework for Caching in Microservice Graphs”. <i>NSDI’24</i>.</div></div>
TEACHING EXPERIENCE	<div><div><div>Teaching Assistant</div><div><div>Institution: University of Pennsylvania</div><div>Course: Software Analysis</div><div>Professor: M. Naik</div></div><div><div>Lab Assistant</div><div><div>Institution: National Technical University of Athens</div><div>Course: Programming Techniques</div><div>Professors: G. Goumas, A. Pagourtzis, N. Papaspyrou</div></div><div><div>Lab Assistant</div><div><div>Institution: National Technical University of Athens</div><div>Course: Introduction to Programming</div><div>Professors: D. Fotakis, N. Papaspyrou</div></div></div><div>Fall 2023</div><div>Spring 2021</div><div>Fall 2020</div></div></div></div>
TECHNICAL SKILLS	<div><div><div>Programming Languages</div><div>Operating Systems</div><div>Databases</div><div>Version Control</div><div>Frameworks &amp; Tools</div><div>Typesetting</div></div><div>C/C++, Erlang, Haskell, Coq, JavaScript, Python, SML Windows, Linux MySQL, MongoDB Git/Github OpenMP, matplotlib, NumPy, Pytorch, LLVM, PROPER L<sup>A</sup>T<sub>E</sub>X</div></div>
HONORS & AWARDS	<div><div><div>– Soloman M. Swaab Fellowship - University of Pennsylvania.</div></div></div>

- Space Engineering Competition *Cansat in Greece 2018*. 1st Prize in university students category.
- Programming Competition *IEEEExtreme 15.0*. Ranked 94<sup>th</sup> out of 5500+ teams worldwide.
- Programming Competition *IEEEExtreme 14.0*. Ranked 99<sup>th</sup> out of 3700+ teams worldwide.
- Programming Competition *IEEEExtreme 13.0*. Ranked 184<sup>th</sup> out of 4000+ teams worldwide.
- Panhellenic Physics Competition *Aristotle 2016*. 3<sup>rd</sup> Prize of Excellence (Bronze Medal). Ranked 25<sup>th</sup> overall.

LANGUAGES	Greek (native), English (C2), German (C1)
MEMBERSHIPS	IEEE Member
HOBBIES	Basketball, Running, Swimming, Cinema, Reading
LAST UPDATED	December 7, 2023