

WEBSITE: spyrospav.github.io

EDUCATION	<div><div><div>University of Pennsylvania Ph.D. Computer Science<ul style="list-style-type: none">– <i>Advisor:</i> Vincent Liu– <i>Research Focus:</i> Distributed Systems and Compilers</div><div>National Technical University of Athens Integrated Masters (5-year joint degree, 300 ECTS) Electrical & Computer Engineering (ECE)<ul style="list-style-type: none">– <i>Overall GPA:</i> 9.26/10– <i>Major:</i> Computer Science– <i>Thesis:</i> “A Test Suite for Model Checking Persistent Memory Programs”. <i>Advisor:</i> Kostis Sagonas.</div></div></div> <div><div>2022–Present</div><div>2016–2022</div></div>
EXPERIENCE	<div><div><div>White Noise - Space Engineering Team<ul style="list-style-type: none">– Founding member– Competed in space engineering competitions for university students:<ul style="list-style-type: none">– <i>Cansat in Greece 2018.</i> Designed parts of electrical and sensors subsystems. Responsible for social media.– <i>Cansat Competition 2019</i> by American Astronautical Society. Designed telecommunications and data handling subsystems.</div></div><div><div>2017-2019</div></div></div>
PUBLICATIONS	<div><div><div>[1] Haoran Zhang, Konstantinos Kallas, Spyros Pavlatos, Rajeev Alur, Sebastian Angel, Vincent Liu “MuCache: A General Framework for Caching in Microservice Graphs”. <i>NSDI’24.</i></div></div></div>
TEACHING EXPERIENCE	<div><div><div><div>Teaching Assistant <i>Institution:</i> University of Pennsylvania <i>Course:</i> Compilers <i>Professor:</i> S. Zdancewic</div><div>Teaching Assistant <i>Institution:</i> University of Pennsylvania <i>Course:</i> Software Analysis <i>Professor:</i> M. Naik</div><div>Lab Assistant <i>Institution:</i> National Technical University of Athens <i>Course:</i> Programming Techniques <i>Professors:</i> G. Goumas, A. Pagourtzis, N. Papaspyrou</div><div>Lab Assistant <i>Institution:</i> National Technical University of Athens <i>Course:</i> Introduction to Programming <i>Professors:</i> D. Fotakis, N. Papaspyrou</div></div></div><div><div>Spring 2024</div><div>Fall 2023</div><div>Spring 2021</div><div>Fall 2020</div></div></div>
TECHNICAL SKILLS	<div><div><div>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, PROPE</div></div></div>

HONORS & AWARDS	<ul style="list-style-type: none">– <i>Soloman M. Swaab Fellowship</i> - University of Pennsylvania.– Space Engineering Competition <i>Cansat in Greece 2018</i>. 1st Prize in university students category.– Programming Competition <i>IEEEExtreme 15.0</i>. Ranked 94th out of 5500+ teams worldwide.– Programming Competition <i>IEEEExtreme 14.0</i>. Ranked 99th out of 3700+ teams worldwide.– Programming Competition <i>IEEEExtreme 13.0</i>. Ranked 184th out of 4000+ teams worldwide.– Panhellenic Physics Competition <i>Aristotle 2016</i>. 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	August 20, 2024