

SPYRIDON PAVLATOS

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EDUCATION	University of Pennsylvania Ph.D. Computer Science – <i>Overall GPA:</i> 3.91/4.00 – <i>Advisor:</i> Rajeev Alur – <i>Research Focus:</i> Verification for Distributed Systems National Technical University of Athens Integrated Masters (5-year joint degree, 300 ECTS) Electrical & Computer Engineering (ECE) – <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.	<i>2022–Present</i> <i>2016–2022</i>
EXPERIENCE	White Noise - Space Engineering Team – Founding member – Competed in space engineering competitions for university students: – <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.	<i>2017-2019</i>
PUBLICATIONS	[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> .	
TEACHING EXPERIENCE	Teaching Assistant <i>Institution:</i> University of Pennsylvania <i>Course:</i> Software Analysis <i>Professor:</i> M. Naik Lab Assistant <i>Institution:</i> National Technical University of Athens <i>Course:</i> Programming Techniques <i>Professors:</i> G. Goumas, A. Pagourtzis, N. Papaspyrou Lab Assistant <i>Institution:</i> National Technical University of Athens <i>Course:</i> Introduction to Programming <i>Professors:</i> D. Fotakis, N. Papaspyrou	<i>Fall 2023</i> <i>Spring 2021</i> <i>Fall 2020</i>
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 L ^A T _E X	

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	January 24, 2024