

Nikos Filinis

Software Developer

Athens, Greece

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🐙 Nickgraviton

Education

2015–2021 **National Technical University of Athens,**
Electrical and Computer Engineering, Master of Engineering.

Projects

PharmaSea,

Webapp where users can utilize crowdsourcing to create a price tracking platform for medicine,

Used:

Front-end: *HTML, CSS, JavaScript, Bootstrap*

Back-end: *Java, Spring Boot, MySQL, Gradle.*

PCL Compiler,

Compiler for a Pascal-like toy language,

Used: *C++, flex, bison, LLVM.*

Airport Management System,

GUI application for an airport management system,

Used: *Java, JavaFX.*

Noobcash,

Simple blockchain implementation,

Used: *Python, Flask.*

Publications

April 2022 **Reinforcement learning-assisted autoscaling mechanisms for serverless computing platforms,**
Simulation Modelling Practice and Theory Volume 116, April 2022, 102461,
Automatic scaling mechanisms that use reinforcement learning to determine the optimal amount of
resources that need to be provisioned to maximize performance and minimize use of said resources,
Used: *Kubernetes, Docker, Kubeless, Python, OpenAI Gym, Tensorflow, Tf-agents.*

Skills

Programming Skills Java, Python, C++, C, JavaScript, HTML, CSS, SQL

Frameworks/Tools Spring Boot, Git, Kubernetes, Docker, Flask, JavaFX, Matplotlib, Numpy, Pandas

Languages Greek (Native), English(C2), German(C1)