

Fotis Xenakis

Software Engineer, Systems

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Experience

- 01/2024 - now **Kernel / Hypervisor Engineer, AWS**, Berlin, Germany
EC2 Accelerated Nitro
- 06/2023 - 11/2023 **Senior Software Engineer, Systems, Mobileum**, Athens, Greece
- 10/2021 - 05/2023 **Software Engineer, Systems, Mobileum**, Athens, Greece
Engagement & Experience Business Unit (ex-Niometrics)
Working on the Deep Network Analytics platform, doing high-performance (GB/s) log indexing and aggregation. Heavily performance-focussed: development, observability, troubleshooting in large production deployments. Involved in the entire development lifecycle (requirements, design, implementation, testing, support), member of a highly distributed team. C, Linux.
- 11/2020 - 10/2021 **Military service, Hellenic Navy**
- 05/2019 - 10/2020 **Software Engineer, Programize**, Athens, Greece
Working with Silicon Valley startups.
 - Aporeto/Palo Alto Networks: Scale testing and benchmarking of a cloud-native distributed firewall and network monitoring solution. Linux, Docker, Kubernetes, Go, Ansible, Terraform, Bash, GCP.
 - Codex: Back-end development and DevOps for a modern platform aimed at healthcare providers. Python, Django, GCP.
- 07/2018 - 11/2023 **System Administrator (part-time), PCLab, ECE NTUA**, Athens, Greece
GNU/Linux deployment and administration of a 128-PC lab for the school's students. Implementation of a mechanism for automated file system resets upon user login. Linux, Ansible, Bash.
- 01/2020 - 12/2020 **Contributor, OSv**
Mainly around virtio-fs. C++, QEMU/KVM.

Education

- 2014 - 2020 **Diploma Electrical and Computer Engineering, National Technical University of Athens**, 8.58/10
Major: computer software, computing systems. Minor: networking, mathematics.
Thesis title: *Efficient file sharing between host and unikernel*.
- 2002 - 2014 **High School Degree, Experimental School of the University of Athens**

Conferences

- HiPEAC 2020 Attended.
- HiPEAC CSW Autumn 2019 Attended and qualified in the Student Challenge, proposing an open, modular and affordable approach to home automation.

Languages

- Greek Native
- English C2 (proficient) *Certificate of Proficiency in English, The University of Michigan*
- French A2 (basic) *DELTA A2*

Areas of interest

Operating Systems, Programming Languages, Runtime Systems, Performance, Virtualization

Technical skills

Programming: ○ Solid: C, Python, Go, Shell
○ Familiar: C++, Java, Rust

Version control: Git

Operating systems: Linux

Web development: Django, Flask

Cloud computing: GCP, AWS, Terraform

Virtualization: QEMU, KVM

Other: Docker, Kubernetes, Ansible