

Fotis Xenakis

Software Engineer, Systems

* 12 Jan 1996
✉ foxen@windowslive.com
in fotis-xenakis
🐱 foxeng

Experience

- 06/2023 - now **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 - now **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