

CHRISTOS MARGIOLIS

Curriculum Vitæ

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GIT: [Sourcehut](#) — [GitHub](#) — [Own Git server](#)
LOCATION: Athens, Greece
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EDUCATION

02–07.2024	Mathematics and Computer Science <i>University of Łódź, Poland</i>
2019–PRESENT	Informatics and Computer Engineering (MEng) <i>University of West Attica, Greece</i>

WORK EXPERIENCE

2023–PRESENT	Programming Contractor <i>Self Employed</i> Mainly contracting for the FreeBSD Foundation doing operating systems development.
2022–PRESENT	Volunteer Firefighter <i>Hellenic Fire Service</i> Serving at Fire Station 6 in Athens, Greece.
2022	Google Summer of Code 2022 <i>FreeBSD Project</i> Implemented a new DTrace provider called "kinst" which enables tracing of arbitrary instructions and inline functions in the kernel.
2021	Postal Worker <i>Hellenic Post</i>
2021	Google Summer of Code 2021 <i>FreeBSD Project</i> Implemented kernel patches, a new library and rewrote the default mixer program in order to improve FreeBSD's sound mixer capabilities.
2019–2022	Private Programming Teacher <i>Self Employed</i>

ENGINEERING SKILLS

PROGRAMMING	<ul style="list-style-type: none">• Operating systems, device drivers, embedded systems.• C, C++, Go, Java, ...• x86, ARM, RISC-V, MIPS Assembly.• PostgreSQL, pgAdmin.• POSIX shell, Python, AWK, ...
ELECTRONICS	<ul style="list-style-type: none">• Microchip PIC, Arduino, FPGA.• Verilog, VHDL.• Able to read and create schematics.

TECHNOLOGIES AND TOOLS

- FreeBSD, OpenBSD, Linux, Plan 9.
- Experience with setting up Web, Git and Email servers.
- DTrace, GDB.
- bhyve, QEMU.
- Git.
- 2D and 3D Mechanical Engineering Drawing (AutoCAD).
- Good documentation skills using \LaTeX , Mandoc, Troff.

LANGUAGES

GREEK | Native

ENGLISH | C2
University of Cambridge

GERMAN | B2
Österreichisches Sprachdiplom Deutsch

TALKS/PRESENTATIONS

03.2024 | Arbitrary Instruction Tracing with DTrace
AsiaBSDCon 2024
Chientan Youth Activity Center — Taipei, Taiwan

09.2023 | Arbitrary Instruction Tracing with DTrace
EuroBSDCon 2023
University of Coimbra — Coimbra, Portugal

COURSES

07.2023 | Mountain Rope Rescue
Hellenic Volunteer Firefighter Association

04.2023 | Firefighting in Confined Spaces
Hellenic Fire Service & Dräger Fire Dragon

2020 | Elements of AI: Introduction to AI
University of Helsinki

2019 | Nick Johnston: Guitar Clinic
Telesound & Schecter Guitars

2018 | Irini Ketikidi: Instrumental Composition
GiG

2018 | Giannis Loukatos: Introduction to Jazz Improvisation
GiG

OTHER

Driver's License: B

PERSONAL INTERESTS AND HOBBIES

Firefighting, music, history, linguistics, travelling.