

# CHRISTOS MARGIOLIS

## *Curriculum Vitæ*

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LOCATION: Athens, Greece  
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## EDUCATION

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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

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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

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

## 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  $\text{\LaTeX}$ , Mandoc, Troff.

## LANGUAGES

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GREEK	Native
ENGLISH	C2 <i>University of Cambridge</i>
GERMAN	B2 <i>Österreichisches Sprachdiplom Deutsch</i>
FINNISH	A1-A2
POLISH	A1

## TALKS/PRESENTATIONS

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03.2024	Arbitrary Instruction Tracing with DTrace <i>AsiaBSDCon 2024</i> Chientan Youth Activity Center — Taipei, Taiwan
09.2023	Arbitrary Instruction Tracing with DTrace <i>EuroBSDCon 2023</i> University of Coimbra — Coimbra, Portugal

## COURSES

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07.2023	Mountain Rope Rescue <i>Hellenic Volunteer Firefighter Association</i>
04.2023	Firefighting in Confined Spaces <i>Hellenic Fire Service &amp; Dräger Fire Dragon</i>
2020	Elements of AI: Introduction to AI <i>University of Helsinki</i>
2019	Nick Johnston: Guitar Clinic <i>Telesound &amp; Schecter Guitars</i>
2018	Irini Ketikidi: Instrumental Composition <i>GiG</i>
2018	Giannis Loukatos: Introduction to Jazz Improvisation <i>GiG</i>

## OTHER

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| Driver's License: B

## PERSONAL INTERESTS AND HOBBIES

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Firefighting, music, history, linguistics, travelling.