

# CHRISTOS MARGIOLIS

## *Curriculum Vitæ*

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WWW: <https://margiolis.net>  
GIT: <https://git.margiolis.net>

## WORK EXPERIENCE

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| 2020–PRESENT | Contributor<br><i>FreeBSD Project</i><br>See Projects/FreeBSD.   |
| 2019–PRESENT | Teacher<br><i>One Way Success</i><br>Teaching basic programming and assisting children with learning disabilities. |
| 08–10.2021   | Seasonal Postal Worker<br><i>Hellenic Post</i>   |
| 06–08.2021   | Summer Intern<br><i>FreeBSD Project</i><br>Google Summer of Code 2021.   |

## EDUCATION

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| 2019–PRESENT | Informatics and Computer Engineering<br><i>University of West Attica</i> |
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## VOLUNTEER EXPERIENCE

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| 2018–PRESENT | Local volunteering<br><i>Νέα Γενιά Ολυμπιακού Χωριού</i> |
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## CS/IT SKILLS

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| PROGRAMMING               | <ul style="list-style-type: none"><li>• C, C++, Go, Java, ...</li><li>• x86, MIPS Assembly.</li><li>• POSIX shell, AWK, Python, ...</li><li>• Verilog, VHDL.</li><li>• curses, SDL, X11.</li></ul>           |
| SYSTEMS<br>ADMINISTRATION | <ul style="list-style-type: none"><li>• OpenBSD's <code>httpd(8)</code>, <code>acme-client(1)</code>.</li><li>• OpenSMTPd, Dovecot, Rspamd.</li><li>• Git, <code>stagit(1)</code>, my own scripts.</li></ul> |

## TOOLS AND PLATFORMS

- FreeBSD, OpenBSD, GNU/Linux, Plan 9 (9front).
- bhyve(8), qemu(1).
- L<sup>A</sup>T<sub>E</sub>X, mdoc(7), roff(7).
- GNU Octave.
- make(1).
- Git, Mercurial.

## LANGUAGES

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

## COURSES

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2020	Elements of AI: Introduction to AI <i>University of Helsinki</i>
2019	Nick Johnston: Guitar Clinic <i>Telesound &amp; Schecter Guitars</i>
2018	Iriini Ketikidi: Instrumental Composition <i>GiG</i>
2018	Giannis Loukatos: Introduction to Jazz Improvisation <i>GiG</i>

## PERSONAL INTERESTS

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Firefighting, mountaineering, history, linguistics, music composition & performance, low-level programming, electronics, physics, martial arts, travelling.

## AWARDS

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2015	I Worship CoB Guitar Contest <i>Nuclear Blast Records</i>
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## PROJECTS

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Can also be found on [my website](#).

### OWN

- 2020–PRESENT | [sfm](#)  
*Simple file manager.*
- 2021–PRESENT | [os](#)  
*My toy OS.*
- 2021–PRESENT | [nfy](#)  
*Minimal and daemonless notification program for X.*
- 2020–2021 | [sbrs](#)  
*Simple blog and RSS system in POSIX shell.*
- 2020 | [chip8](#)  
*CHIP-8 emulator in C and SDL.*
- 2020 | [cstring](#)  
*Lightweight string library for C.*
- 2020 | [graphcurses](#)  
*curses 2D graph generator.*

More can be found on my [Git server](#), [Sourcehut](#) and [GitHub](#).

### FREEBSD

- 2020–PRESENT | [Wiki profile](#)  
*Main page.*
- 2021–PRESENT | [Phabricator profile](#)  
*Patches and code reviews.*
- 2021–PRESENT | [mixer](#)  
*An OSS mixer library implementation, a complete rewrite of mixer(8) and sound(4) update for FreeBSD. Some of its development was part of Google Summer of Code 2021. The project was added to the base system in FreeBSD 14.0.*
- 2021–PRESENT | [Ports: x11/nfy](#)  
*nfy(1) port for FreeBSD*
- SEP. 2021 | [Commit 903873ce1560](#)  
*Implement mixer(3) and a new version of mixer(8).*
- AUG. 2021 | [Commit ed2196e5df0c](#)  
*sound(4): Implement playback and recording mode sysctl.*
- JUL. 2021 | [Commit 0f8dafb45859](#)  
*sound(4): Implement mute ioctl.*
- SUMMER 2021 | [Sound mixer improvements](#)  
*Summer of Code 2021 development report for mixer.*
- DEC. 2020 | [Arduino/NativeCLI](#)  
*Mirror of [this article](#).*

## OTHER OPEN SOURCE

2021–PRESENT | [neomutt](#)  
*Translator team member. Working on the [Greek translations](#).*

2021 | [suckless.org](#)  
*A few minor patches.*

2021 | [9front](#)  
*A few minor patches.*

## HISTORY

2018–2020 | [World History Daily](#)  
*A history page I created a few years ago.*