



# Giorgos Paphitis

Computer Science Undergraduate

## Work Experience

### Technical Support, Part Time

Sep 2022 - Present

C4E (Centre for Entrepreneurship)

- Adding and updating articles through Joomla!
- Manual development of pages using HTML and CSS
- Preparing and uploading media like PDF's to the file server
- Training new hires

### Web Developer Intern

Jun 2024 - Jul 2024

LightBlack

- Adding features and fixing bugs on existing endpoints
- Symfony framework, Twig, CSS and JavaScript
- Team collaboration

### Freelance

Jan 2024 - Mar 2024

The Junior & Senior School

- Phishing simulation
- Developed dummy web page monitoring who submitted their credentials
- HTML, CSS and JavaScript
- Automated emails sent to administrator

## Education & Awards

### Computer Science Undergraduate

2022 - Present

University of Cyprus

- Score: 9.55/10
- Ranked 1<sup>st</sup> in my cohort

### Lyceum Agiou Georgiou, Lakatamia

2018 - 2021

- Average Score: 19.801/20
- Highest score in the Pancyprian computer science exam 19.995/20
- Valedictorian

## About me

I am a driven individual that always strives to succeed in all aspects of my life. This characteristic has helped me achieve goals like, highest grade in the 2021 Pancyprian Computer Science Exams and 1st in my cohort at the University of Cyprus studying computer science. I strive to meet deadlines and work well in a team environment.

## Contact details

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## Links

- [Website](#)
- [LinkedIn](#)

## Skills

- Good communication skills
- Problem solving
- Multitasking
- Time Management
- C/C++
- Java
- PHP
- SQL
- HTML
- CSS
- JavaScript

## Certifications

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- Offensive Security and Ethical Hacking by Black Hat Ethical Hacking ([Certificate](#))
- HTML, CSS, and JavaScript for Web Developer ([Certificate](#))
- Building Cloud Services with the Java Spring Framework ([Certificate](#))
- CISCO Certifications
  - CCNA Routing and Switching: Introduction to Networks ([Certificate](#))
  - CCNAv7: Switching, Routing and Wireless Essentials ([Certificate](#))

## Personal Projects

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### Minimal GDB Clone

- Implemented in C
- Capable of setting breakpoints, stepping through instructions, and disassembly using the ptrace API
- x86\_64 ELF parsing and disassembly support using libelf and Capstone
- [GitHub Repository](#)

### CFG Analyser

- Implemented in C/C++
- Static analysis tool that disassembles x86\_64 ELF binaries and generates control flow graphs (CFGs)
- Loop detection, cycle identification, dead code analysis, and function reachability filtering features
- [GitHub Repository](#)

### Personal Website

- HTML, CSS and JavaScript
- Single Page Application (SPA) architecture
- Loop detection, cycle identification, dead code analysis, and function reachability filtering features
- <https://giorgospaphitis.com/>

## Languages

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- Greek (native speaker)
- English - IGCSE Grade A