



Eleftherios Vagiotas


Date of birth: 05/09/2003

Nationality: Greek

Gender: Male

CONTACT

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ABOUT ME

Computer Science graduate with a strong interest in networking, cybersecurity, and distributed systems.

Hands-on experience with networking concepts through Cisco Networking Academy and practical exposure to telecom services and IT support.

Passionate about network infrastructure, security, and continuous learning in ethical hacking and system protection.

WORK EXPERIENCE

Semantic Business Software Veroia, Greece

Junior Web Developer

02/07/2024 – 13/09/2024

- Website development using HTML, CSS, JavaScript, CMS tools, and Python/PHP for API integration and database connectivity.
- Customization and configuration of websites according to client requirements.
- Adjustment and customization of invoice templates within web platforms.
- Gained hands-on experience in a real-world development environment under the guidance of experienced developers.
- Design and management of databases using MySQL.

Music High School of Kavala Kavala, Greece

Teaching Internship

01/01/2025 – 10/06/2025

- Delivered introductory programming lessons using Scratch.
- Guided students in developing interactive projects.
- Enhanced pedagogical and communication skills.

Computer Life Imathia's Veroia, Greece

IT Support & Technical Sales Associate (Telecom Services)

01/2026 – 02/2026

- Training on telecom services, internet connectivity and networking solutions (Nova)
- Analysis of customer requirements and proposal of appropriate technical solutions
- Use of internal CRM and service management systems for customer data handling
- Order processing, service activation and basic troubleshooting via ISP platforms
- Client-facing technical communication and support
- Exposure to access-controlled systems and customer data handling with focus on security awareness

EDUCATION AND TRAINING

01/10/2021 – 17/06/2025 KAVALA, Greece

Department of Computer Science Democritus University of Thrace

Website <https://www.cs.duth.gr/> | **Field of study** Computer Science |

Final grade 8.53

15/01/2025 – 15/06/2025 KAVALA, Greece

Teaching & Pedagogical Competence Democritus University of Thrace

Website <https://www.cs.duth.gr/> | **Field of study** Teaching and Pedagogical Competence | **Final grade** 10/10 | **Level in EQF** EQF level 6

16/11/2024 – 29/08/2025

● **Responsive Web Design** freeCodeCamp

Focuses on HTML, CSS, accessibility, responsive layouts, Flexbox, Grid, and building real-world projects.

Website <https://www.freecodecamp.org/certification/leutvag/responsive-web-design>

01/06/2023 – 29/11/2023

● **Networking Devices and Initial Configuration** Cisco Networking Academy

06/07/2023 – 11/11/2023

● **Networking Basics** Cisco Networking Academy

08/08/2023 – 07/12/2023

● **Network Support and Security** Cisco Networking Academy

16/08/2023 – 03/12/2023

● **Network Addressing and Basic Troubleshooting** Cisco Networking Academy

15/01/2024 – 17/04/2024

● **Bioinformatics for Beginners** University of San Diego California

12/10/2023 – 21/02/2024

● **Artificial Intelligence and Machine Learning** Johannes Kepler and Technische Wien University

18/12/2023 – 04/03/2024

● **Algorithms and Data Structures** Bildung Wissenschaft Und Forschung

03/09/2023 – 20/02/2024

● **Inclusive Peer Learning with Augmented Reality** iPEAR Team

10/09/2023 – 23/02/2024

● **Database with SQL** Klagenfurt University

13/11/2023 – 21/02/2024

● **Programming with Java 2** Johannes Kepler Univeristy

26/09/2021 – 20/10/2021

● **Learning to Learn Online** Athabasca University of Canada

15/10/2023 – 28/02/2024

● **Programming with Python** University of Graz

14/10/2023 – 21/02/2024

● **Modelling with UML** Technische University Wien

15/12/2023 – 25/03/2024

● **Data Analytics Essentials** Cisco Networking Academy

15/01/2023 – 23/03/2024

English for IT Cisco Networking Academy

01/09/2018 – 01/07/2021 Veria, Greece

High School Diploma 2st General Lyceum of Veria

Final grade 19.6

LANGUAGE SKILLS

MOTHER TONGUE(S): Greek

Other language(s):

English

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

2025

[Enhancing Edge AI Systems Perf. via Energy Equilibrium](#)

This work addresses the growing computational demands of edge IoT devices by proposing an energy-equilibrium approach for AI task distribution. The study formulates and solves a complex optimization problem using an enhanced version of the EAI-ARO algorithm, achieving reduced execution time and extended device lifetime compared to previous methods.

Amanatidis, P., Vagiotas, E., et al. (2025). Enhancing the Performance of Edge AI Systems via Energy Equilibrium. DCOSS-IoT, IEEE.

Authors Amanatidis, P., Vagiotas, E., et al. |

Journal Name 21st Int. Conf. on Distributed Computing in Smart Systems & IoT | **Publisher** IEEE

PROGRAMMING

- **Python (Advanced)**
- **MySQL- SQL (Advanced)**
- **Html, Css (Advanced)**
- **Java (Intermediate)**
- **Kotlin (Intermediate)**
- **JavaScript (Intermediate)**

TOOLS & IDES

- **Visual Studio Code, NetBeans, Eclipse**
- **Android Studio, MATLAB**
- **MySQL Workbench, SQL Developer Oracle**
- **Trello, Git**

REFERENCES

- **References available upon request**