ANASTASIA TERZI

PhD Student

EDUCATION

Phd in Electrical and Computer Engineering, University of Western Macedonia, Dec 2021 – Present
- **Field of study:** Software Engineering
- **Thesis:** Analysis and visualization methods for software development data.
- **Main subject / occupational skills covered:** The aim of the thesis is to explore methods and techniques that will support the evaluation of software quality. The evaluation of software quality includes several stages which are related to a) the collection of data from software development, b) the analysis of the data to draw useful conclusions and c) the visualization of the data.

Integrated Master in Electrical and Computer Engineering, University of Western Macedonia, Sep 2016 – Jul 2021
- **Final grade:** 7.99/10
- **Thesis:** Reuse Opportunities in JavaScript applications
- **Occupational skills covered :**
  - **Computer Science:** Parallel Computing, Distributed Computing, Mobile and Wireless Computing, Design, Analysis and Development of Algorithms.
  - **Software and Systems Technologies:** Development and Design of Software Systems, Databases, Mobile and Embedded Systems as well as applications within the Internet of Things.
  - **Information, Telecommunications and Networks:** Design and implementation of Computer Networks, Optical and Wireless Telecommunications Networks, as well as for the analysis and processing of Digital Signals and Images as well as Biomedical Signals.
  - **Electronics and Electrical Engineering:** Knowledge in the field of Electronics and Electrical Engineering for the study, design and development of electrical-electrical systems.
  - **Energy:** Knowledge in the field of Energy regarding the design, development and production of electricity systems, electromechanical energy conversion systems, electrical installations, measurements and automation.

PERSONAL INFO

a.terzi@uowm.gr

Github

LinkedIn

+306945171351

SKILLS & TOOLS

- Programming(HTML,JS,CSS, SQL PHP, C, C++,C#, Java LINUX/UNIX, Assembly 8086, VHDL(Beginner)
- Social Media Management
- Microsoft Suite
- Google Suite
- iWork Suite
- Streaming Suites

LANGUAGES

- C2, English
- A2, German

AWARDS

- **Apprenticeship** issued by University of Western Macedonia · Nov 2019
- **Apprenticeship** issued by University of Western Macedonia · Mar 2018
- **Best Poem Honors & Second Novel Award** issued by Model Experimental High School of University of Patras & Model Experimental High School of evangelical school of Smyrna · Apr 2015

High School Diploma, Model Experimental High School, University of Macedonia Sep 2013 - Jul 2016
  - Activities and societies:
  - Track and field
  - Theater club
  - Rhetorical speech analysis club
  - Programming club
  - etwinning 2014

EXPERIENCE IN SCIENTIFIC PROJECTS

Deep in Biopsies: Platform for Supporting Diagnosis and Staging from Patient Biopsies using Deep Learning, **Jul 2023 - Nov 2023, Scolarship**
  - Developed a deep learning driven platform for aiding in disease staging and diagnosis from digitized biopsies. The platform enabled medical professionals to train models by organ and condition, based on microscopic or whole-slide scanner images. It automatically marked and measured primary findings through advanced image processing. The platform included a histological image database and was primarily being sold as a B2B offering for medical departments, though with the possibility of later use as a research tool.

eCampus: Support Actions for Administrative and Academic Activities of the University of Western Macedonia**, May 2021 - Jul 2023**
  - Helped with the digital transformation of the University of Western Macedonia into Greece's first completely electronic university (e-Campus). The initiative integrated fragmented systems into a unified, cloud-based system that enabled remote access to teaching and administrative services from five cities. It supported secure transactions for students, staff, and the public via a single access point and mobile apps (iOS/Android), while ensuring interoperability with external platforms like banking systems, Diavgeia, and Open Data services.

DIAS: Drones in Agriculture Surveillance**, Mar 2018 - Jun 2018, Scolarship**
  - My part on this research program was to compare GIS apps (both open source and proprietary) in order to chose the one that mostly covered the needs of the project and present an orthomosaic with ground analytics using test data from drones.

PUBLICATIONS

- **Opening Software Research Data 5Ws+ 1H, Software (2674-113X), 2024, Vol 3, Issue 4, p411**
- **Using code from ChatGPT: Finding patterns in the developers' interaction with ChatGPT,Lecture Notes in Computer Science, vol 14614**
- **Managing security vulnerabilities introduced by dependencies in React.JS JavaScript framework, 2024 IEEE International Conference on Software Analysis, Evolution and Reengineering - Companion (SANER-C), pp. 126-133**
- **Enhancing User Experience: Virtual Assistants in Greek University Helpdesk Service, Proceedings of the 27th Pan-Hellenic Conference on Progress in Computing and Informatics (PCI '23),193-198**
- **Software Reuse and Evolution in JavaScript Applications,2022 48th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), pp. 263-269**

WORK EXPERIENCE

Research Associate at University of Western Macedonia, Dec 2021 - Present
- My tasks include designing experiments, collecting and analyzing data, preparing research reports and publications, managing laboratory equipment and supplies, and coordinating with other research staff or faculty members.

Lecturer Assistant at University of Western Macedonia, Dec 2021 - Present
- My responsibilities include preparing and assigning exercises and projects for the Java and Software Engineering courses, tutoring students individually or in groups, and providing guidance on project development and problem-solving. I assist in exam preparation by supporting students who need additional help and participate in exam grading. I also supervise undergraduate diploma theses, offering academic and technical support throughout the research and writing process.

Excel Course Instructor, University of Thessaly — Lifelong Learning Center, May 2023 — Jul 2023
- Taught Excel to adult learners as part of a continuing education program, covering basic to intermediate spreadsheet functions, data organization, and analysis tools.

Sport Livestreams, Operations & Graphics, Feb 2020 - Present
- Sports LiveStreams for Basketball, Handball, Volleyball Football Clubs and the Hellenic Basketball Federation.

Social Media Manager, Jun 2024 - Present
- Managing content and campaigns for basketball clubs and cosmetic brands.

Promotion Model, HAPPY PEOPLE MODELS, Sep 2022 - Present
- TIFF 2022, Hair Model for Wella & Schwartzkopf.

Table official in Basketball, Oct.2023 - Present
- Certified table official for local basketball games.

Volleyball referee, Oct.2023 - Present
- Officiating volleyball matches at the amateur and regional level.

PUBLICATIONS

- **Reuse Opportunities in JavaScript applications, 2021 47th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), pp. 387-391**
- **Towards a Fully Open-Source System for Monitoring of Crops with UAVs in Precision Agriculture, Proceedings of the 24th Pan-Hellenic Conference on Informatics (PCI '20), 322—326**

SOFT SKILLS

- Communication
- Presentation
- Leadership
- Attention to detail

HOBBIES

- Aerial Acrobatics (Silks, Hammock, Ring)
- Pilates reformer
- Drawning on clothes
- Crocheting
- Jewelry Making

CERTIFICATIONS

- Available upon request

REFERENCES

- Available upon request