CHASCHATZIS CHRISTOS

ELECTRICAL AND COMPUTER ENGINEER

CONTACT INFO

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Kozani, Greece

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, C++, Java

Information Systems Development: Bootstrap, Chart.js, Leaflet.js, Postman, Wordpress

Database Management: SQL, SQLite

Mobile App Development: Flutter, PlayStore, Google Admob (Ads Integration)

IoT: Arduino, Raspberry Pi

Machine Learning: TensorFlow, Keras, PyTorch, Yolo

Version Control: Git, GitHub, GitLab

SOFT SKILLS

Problem Solving

Communication

Adaptability

Time Management

Continuous Learning

Team Collaboration

EDUCATION

University of Western Macedonia

- *Integrated Master's Degree in Electrical and Computer Engineering - 2015-2021| Very Good (300 ECTS) - 7.15*
- **PhD Candidate | Development of IoT Technologies for Precision Agriculture | 2021 -**

LANGUAGES

English - Professional Working Proficiency

Greek - Native

PROFILE

With a strong passion for technology and innovation, I began my academic journey in Electrical and Computer Engineering at the University of Western Macedonia. My experience at Hyperion Robotics helped me develop collaborative and problem-solving skills, successfully tackling complex challenges. Today, as an independent professional, I focus on building flexible and innovative information systems that combine technical precision with creativity. Committed to continuous growth and meaningful impact, I am further deepening my expertise in Smart Agriculture through my PhD research.

PROFESSIONAL EXPERIENCE

Freelance Software Developer | Mobile Apps, IoT & Smart Agriculture | PhD Candidate | 2023 - Present

- Specialized in front-end development, microcontrollers, IoT, machine learning, and Flutter through hands-on freelance work.
- Committed to staying up to date with the latest technological trends.
- Delivering high-value solutions to clients with enthusiasm and a positive attitude.

IT Support & Developer | Hellenic Army – Informatics Unit | 2023 - 2024

Software Engineer | MetaMind Innovations - MINDS | 2023 | PROJECTS
- *REALM | AI4CYBER | NANCY | TALON*

Research Associate | University of Western Macedonia - UOWM 2021 - 2023
- *Joint undergrAduate coUrses for smart eNergy managemenT sYstems (JAUNTY) | 2022 - 2023*
- *MARS: Smart Farming with Drones | 2021 - 2022*

PUBLICATIONS

Dataset | PEACH TREE DISEASE DETECTION DATASET
IEEE - IEEE DataPort · Nov 23, 2022

Dataset | CHERRY TREE DISEASE DETECTION DATASET
IEEE - IEEE DataPort · Apr 10, 2022

Journal Article | Detection and characterization of stressed sweet cherry tissues using machine learning
MDPI Drones · Sep 22, 2021

Conference Paper | Detection of Macrolepiota Procera Mushrooms Using Machine Learning
IEEE 2022 5th World Symposium on Communication Engineering (WSCE) · Sep 16, 2022

Conference Paper | Integration of Information and Communication Technologies in Agriculture for Farm Management and Knowledge Exchange
IIEEE 2022 11th International Conference on Modern Circuits and Systems Technologies (MOCAST) · Jun 8, 2022

CERTIFICATIONS

The Complete Graphic Design Theory for Beginners Course
Udemy, 2025, Duration: 10 hours

Design Rules: Principles + Practices for Great UI Design
Udemy, 2025, Duration: 5 hours