



Antonio Mazilu

Date of birth: 02/11/2002 | **Nationality:** Greek, Romanian | **Gender:** Male | **Phone number:** (+30) 6993863283 (Work) | **Email address:** antoniomazilu73@gmail.com | **Email address:** a.mazilu@go.uop.gr

WORK EXPERIENCE

01/02/2024 – 30/11/2024 Athens, Greece
COLLABORATING RESEARCHER DEMOKRITOS

Business or Sector Information and communication | **Department** Institute of Informatics and Telecommunications |
Website <https://www.iit.demokritos.gr/>

EDUCATION AND TRAINING

01/10/2020 – CURRENT Tripoli, Greece
B.SC. University of the Peloponnesse

Field of study Information and Communication Technologies

01/09/2017 – 20/06/2020 Oinofyta, Greece
HIGH SCHOOL General High School of Oinofyta

LANGUAGE SKILLS

Mother tongue(s): **GREEK** | **ROMANIAN**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

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

DIGITAL SKILLS

Coding Skills

Java | Python | C | C# | Go | Shell

Cyber Security

Web security fundamentals | IoT Security | Basic knowledge of Cryptography

Technologies

Docker | Kubernetes | Third-party API integration | Git | Github | Fundamental of Artificial Intelligence | Machine Learning | Portainer

Web Development

Electron Framework | JavaScript | PHP | HTML | CSS | BOOSTRAP 5

UAV Systems Development

DroneKit | Drone Piloting | Pixhawk4 | MAVSDK | Mavlink | Autonomous Swarm Algorithms

Blockchain Skills

Hyperledger Fabric chaincode development

Embedded Computers

Raspberry Pi | Arduino

Database Management

MySQL | MongoDB | PostgreSQL

Cloud Platforms:

Microsoft Azure | Platform : AWS Cloud

PROJECTS

01/02/2024 – 30/11/2024

Inception (AI Framework for Improving Cyber Defence Operations)

CERTIFICATIONS

01/10/2022 – 23/03/2023

FORESIGHT: "Advanced cyber-security simulation platform for preparedness training in aviation, power-grid, and naval environments"

PUBLICATIONS

2023

[Blockchain meets Internet of Things \(IoT\) forensics: A unified framework for IoT ecosystems](#)

Sotirios Brotsis, Konstantinos P. Grammatikakis, Dimitrios Kavallieros, Antonio I. Mazilu, Nicholas Kolokotronis, Konstantinos Limniotis, Costas Vassilakis

2024

[SEAGuard: A Blockchain-Based Security Framework for IoT Maritime Transportation Systems](#)

Authors: Panagiotis E. Leonis, Konstantinos Ntouro, Antonio I. Mazilu, Sotirios Brotsis, Nicholas Kolokotronis

2024

[UAV Swarm Management Platform for Autonomous Area and Infrastructure Inspection](#)

Authors: Michael C. Batistatos, Antonio I. Mazilu, Michail-Alexandros Kourtis, George K. Xilouris, Andreas Oikonomakis, Dimitris Santorinaios, Panagiotis E. Leonis, Pavlos A. Sygrimis, Konstantinos G. Ntouro, Ioannis D. Moscholios, Nikos C. Sagias, Anastasios Kourtis

CONFERENCES AND SEMINARS

28/11/2024 Tripoli

Harvesting Tomorrow

17/04/2024 Tripoli

BUSINESS PLANNING AND DOWNLOADING DECISIONS

13/12/2022 Tripoli

PACET 2022: "Panhellenic Conference on Electronics and Telecommunications"

11/05/2022 Tripoli

Everything you need to know for drones

REFERRAL

LinkedIn

<https://www.linkedin.com/in/antonio-mazilu/>

Github

<https://github.com/AntonioMazilu>

My Coding Projects

<https://github.com/AntonioMazilu/Coding-Projects>

Orcid

<https://orcid.org/0009-0006-2768-4934>

ResearchGate

<https://www.researchgate.net/profile/Antonio-Mazilu>

Google Scholar

<https://scholar.google.com/citations?user=6t2EqxkAAAAJ&hl=en&oi=ao>

My UAV Team

<https://www.linkedin.com/company/aces-high-team>

REFERENCES

Available upon request.
