Antonio Mazilu

Date of birth: 02/11/2002

Nationality: Greek, Romanian

Gender: Male

CONTACT

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WORK EXPERIENCE

01/02/2024 – 30/11/2024 Athens, Greece

Collaborating Researcher DEMOKRITOS

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

EDUCATION AND TRAINING

01/10/2020 – CURRENT Tripoli, Greece

B.Sc. University of the Peloponesse

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):

English

Listening C2
Spoken production C2
Reading C2
Spoken interaction C2
Writing 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
Post- Quantum Cryptography | Web security fundamentals | Iot Security
TECHNOLOGIES
Docker | Kubernetes | Grafana | Prometheus | Third-party API integration | Git
WEB DEVELOPMENT
Electron Framework | JavaScript | PHP | HTML | CSS | BOOSTRAP 5
UAV SYSTEMS DEVELOPMENT
DroneKit | Drone Piloting | Pixhawk4 | MAVSDK | Mavlink | Autonomous Swarm
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

AInception (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 Ntouros, 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. Ntouros, Ioannis D. Moscholios, Nikos C. Sagias, Anastasios Kourtis

CONFERENCES AND SEMINARS

13/12/2022 Tripoli

PACET 2022: "Panhellenic Conference on Electronics and Telecommunications"

17/04/2024 Tripoli

BUSINESS PLANNING AND DOWNLOADING DECISIONS

REFERRAL

LinkedIn
https://www.linkedin.com/

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.