

# ANTONIO ION MAZILU

@ a.mazilu@go.uop.gr

+30 6993863283

Tripoli, Arkadias, Greece

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

<https://github.com/AntonioMazilu>

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

## LANGUAGES

Native Language: **Greek**

Second Language:  
**Romanian**

Third Language: **English**  
/B2 Level 1 Certificate of  
Esol International(2016) /C2  
Level 3 Certificate of Esol  
International(2017)

## PERSONAL INFO

- Name: Antonio
- Middle: Ion
- Surname: Mazilu
- Mother Name: Ana-Maria
- Father Name: Ion
- Date of Birth:  
02/11/2002
- Gender: Male
- Residency: Oinofyta,  
Boiotias, Greece
- Student Residency: Tripoli,  
Arkadias, Greece
- Military Obligations:  
Currently unfulfilled due  
to studies

## ABOUT ME

*I am Toni, a 21 years old passionate programmer with a love for cutting-edge technologies. My expertise lies in crafting robust and efficient solutions using a diverse set of languages and frameworks. I specialize in blockchain development, weaving the intricate threads of code to create decentralized and secure systems. As a enthusiastic and innovative person, I eager to leverage technical skills and academic knowledge to contribute to advanced projects and try to improve myself and expand into new fields of interests.*

## SKILLS

- **Coding:** C, Java, Python, PHP, Shell, Go, C++, C#, HTML5, CSS, Bootstrap 5, JavaScript.
- **Databases:** PostgreSQL, MongoDB.
- **IDE:** Visual Studio Code, Visual Studio 2022, Apache Netbeans, IntelliJ IDEA.
- **UAV Dev:** Autonomous Swarm Algorithms, Web Ground Control Stations, Dronekit, MAVSDK, Pixhawk4, Mavlink.
- **Blockchains:** Hyperledger Fabric, Hyperledger Besu.
- **Familiarity with Software:** XAMPP, Electron Framework, Apache Web Servers, OpenVpn Servers, Docker, phpMyAdmin, Grafana, Prometheus.
- **Miscellaneous:** Post-Quantum Cryptography, IoT Security, Raspberry Pi Programming, Drone Piloting.

## ADDITIONAL SKILLS

- Excellent Organization, Scheduling and Time-management
- Excellent communication and collaboration abilities
- Continuous learner, listener, observer
- Good knowledge on Ms Office 2018(Word,Excel,Power Point)
- Good knowledge in windows operating system
- Good knowledge in linux operating system
- Good knowledge in Azure,AWS Cloud
- Average knowledge on  $\text{\LaTeX}$

## EDUCATION

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University of the Peloponnesse | [Informatics and Telecommunications](#)

📅 10/2020 – 8/2024

📍 Tripoli, Arkadias, Greece

- Degree:
  - Status: Currently at 7th Semester
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High School | [General High School Of Oinofyta](#)

📅 9/2017 – 10/ 2020

📍 Oinofyta, Boiotias, Greece

- Degree: 18,00/20
  - Status: Graduated
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## PROGRAMMING EXPERIENCE (STUDENTS PROJECTS)

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- Project for Programming II, creation of terminal based mine-sweeper game in C.
- Project for Object-Oriented Programming, creation of an 2-player game.
- Project for Database course, creating a web-app with PostgreSQL Database to store data from different types of sensors.
- Project for Data Structures course creation of a maze solving terminal based C program, using of a linked list and DFS.
- Project for Big Data Management, Hadoop / Map-Reduce.
- Project for Big Data Management, NoSQL Database using MongoDB.
- Project for Software Engineering, Testing vulnerabilities and bugs in a program using SonarCloud.
- Project for Web Application Design, creation of a fully functional “Erasmus” type webpage service.
- Project for Info Retrieval and Data Mining course, create a web-app lyrics search engine using Electron, Apache Lucene.

## EXPERIENCE

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- Software Developer at Institute of Informatics & Telecommunications at NCSR Demokritos.
- Duration: 6 months.

## PROJECTS

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- OASEES - Open Autonomous Programmable Cloud AppS & Smart EdgE Sensors.

## VOLUNTEERING ACTIVITIES

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- Participation as volunteer for PACET 2022.

## CERTIFICATES

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*FORESIGHT “Advanced cyber-security simulation platform for preparedness training in aviation, power-grid and naval environments”*

- Role: Cyber-Security Engineer
- Degree: 8/10

# PUBLICATIONS

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- Sotirios Brotsis et al. (2023). "Blockchain meets Internet of Things (IoT) forensics: A unified framework for IoT ecosystems". In: *Internet of Things*. DOI: <https://doi.org/10.1016/j.iot.2023.100968>
- Michael C. Batistatos et al. (2024). "UAV Swarm Management Platform for Autonomous Area and Infrastructure Inspection". In: *PAnhellenic Conference on Electronics and Telecommunications (PACET 2024)*. DOI: <https://doi.org/10.1109/PACET60398.2024.10497082>

# REFERENCES

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Available upon request.