

# ANTONIO ION MAZILU

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## 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. My journey extends into the realm of web applications, where I leverage the power of Electron framework to build immersive and user-friendly experiences. 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++, Assembly.
- **Databases:** PostgreSQL, MongoDB.
- **IDE:** Visual Studio Code, Visual Studio 2022, Apache Netbeans, IntelliJ IDEA.
- **Web Dev:** HTML5, CSS, Bootstrap 5, JavaScript.
- **UAV Dev:** Autonomous Swarm Algorithms(Python), Dronekit.
- **Blockchains:** Hyperledger Fabric, Chaincodes.
- **Familiarity with Software:** Apache Lucene, Apache Hadoop, SonarCloud, XAMPP, Visual Paradigm, Electron Framework, Apache Web Servers, OpenVpn Servers, Dockers, Pixhawk4, Mavlink.
- **Miscellaneous:** Academic research, training, publication, Raspberry Pi programming.

## 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
- Average knowledge on  $\LaTeX$

## EDUCATION

University of the Peloponnesse | **Informatics and Telecommunications**

10/2020 – 8/2024

Tripoli, Arkadias, Greece

- Degree:
- Status: Currently at 7th Semester

High School | **General High School Of Oinofyta**

9/2017 – 10/ 2020

Oinofyta, Boiotias, Greece

- Degree: 18,00/20
- Status: Graduated

## 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.

## VOLUNTEERING ACTIVITIES

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- Participation as volunteer and spectator role 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)*
- (NOT PUBLISHED YET) Sotirios Brotsis et al. (2024). “A blockchain-enabled trust management system for collaborative intrusion detection”. In: *Association for Computing Machinery*

## REFERENCES

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Available upon request.