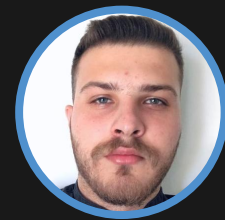


# Ioannis Bakomichalis

Java Software Engineer | MSc | MEng

Cybersecurity Master's Student with an integrated Master Degree in Computer Engineering and Informatics Department from the University of Patras. I am passionate about solving problems as an Engineer and my skills are teamwork, leadership, communication and hard work.



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📄 mpak1996.github.io/myPortfolioWebsite/

🐙 github.com/Mpak1996

## EDUCATION

### M.Sc. Digital Systems Security

University of Piraeus

10/2021 - Present

Athens, Greece

General Information

- 1.5 years Master's Degree Program focused on Cybersecurity (90 ECTS) . [🔗](#)
- Courses: Network Security, Security Assessment and Vulnerability Exploitation, Applied Cryptography, Information Systems Security and Privacy Protection, Mobile Internet Security, Digital Forensics and Web Security, Legal and Regulatory Framework of Security, Research Methodology and Master Thesis.

### Integrated Master's Degree in Computer Engineering and Informatics

University of Patras

10/2014 - 09/2020

Patras, Greece

General Information

- 5-years Polytechnic School , Computer Engineering and Informatics department in University of Patras ( 300 ECTS ). [🔗](#)
- Diploma Thesis "Application for attack probability and risk metrics in intercepting personal data from Web" (Privacy Advisor App). [🔗](#)

## WORK EXPERIENCE

### Java Software Engineer

SYNTAX IT Group™ [🔗](#)

07/2021 - Present

Athens, Greece

Tasks

- Develop INTERAMERICAN Projects (Insurance Back Office Systems) with strong insurance business modelling, development and workflow using JavaEE and Apache Wicket.
- Use Agile Methodologies, Java ,Testing (JUnit, Mockito and Selenium), IBM Databases and SQL.

### Software Engineer

Hellenic Army IT Support Center

11/2020 - 07/2021

Athens, Greece

Tasks

- Develop e-Health Military Web Application with PHP, React.js and Symfony Framework.
- Use Agile Methodologies (Scrumban), UI/UX Design with Figma, HL7 Research (HL7 messages and segments, versions, Integrations Engines, Interoperability), Testing and APIs Documentation.

## TECHNICAL SKILLS

Java

SQL

Python

Linux

Cybersecurity

Penetration Testing

Shell Scripting

Networks

## PROJECTS

TryHackMe Player (04/2021 - Present) [🔗](#)

- TryHackMe is a web application for online cybersecurity training.
- Learning Paths: •Complete Beginner •Pre Security •Penetration Testing.
- Rooms: •Linux •Networks •Nmap •Metasploit •Burp Suite •OWASP.
- Challenges: Advent of Cyber 2021 (AoC3).

Privacy Advisor App - Diploma Thesis (02/2020 - 08/2020)

[🔗](#)

- Privacy-Advisor-App is an user-centered app that help people to understand how risky is to give their personal data in any e-business. For this reason, we focus on the probability of Bayes (Rule of Bayes) and GDPR services to explain them generally the probability to attack and intercept their personal data.
- Technologies: •Java •Java Swing •GUI •JDBC •MySQL •Xampp •Jasper Reports •UI/UX •XML •GDPR •Personal Data Protection.

## CERTIFICATES-COURSES

Advent of Cyber 2021 (AoC3) - TryHackMe (12/2021 - 01/2022) [🔗](#)

Challenges for Web Exploitation, Networking, OSINT, Cloud, Blue Teaming and Post Exploitation.

Pre Security Learning Path - TryHackMe (11/2021 - 01/2022) [🔗](#)

Cyber Security Introduction, Network Fundamentals, Web Exploitation and Functionality, Linux Fundamentals, Windows Fundamentals.

NDG Linux Essentials - Cisco (03/2021 - 04/2021) [🔗](#)

Cybersecurity Essentials - Cisco (01/2021 - 02/2021) [🔗](#)

Infrastructure & Network: Bug Bounty and Penetration Testing - Udemy (08/2020 - 11/2020) [🔗](#)

## LANGUAGES

Greek

Native

English

Full Professional Proficiency

German

Limited Working Proficiency