Ioannis Bakomichalis
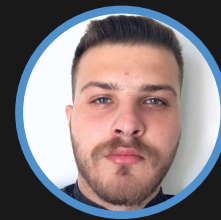
Software Engineer| Cyber Security Research Assistant | MSc Student | MEng

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.

✉ giannismpak@outlook.com 📱 +306971773282

📍 Athens, Greece 🖥 mpak1996.github.io/myPortfolioWebsite/

in linkedin.com/in/ioannisbakomichalis ◯ github.com/Mpak1996

WORK EXPERIENCE

Cyber Security Researcher Assistant
University of Piraeus - Systems Security Laboratory ↗

04/2022 - Present   *Piraeus, Greece*

Tasks
- Develop Security Software Challenges and CTF focus on Blockchain, Artificial Intelligence (AI), Forensics and generally Cyber Security Research, using Agile Methodologies and GitLab.

Java Software Engineer
SYNTAX IT Group™ ↗

07/2021 - 04/2022   *Athens, Greece*

Tasks
- Develop INTERAMERICAN Projects (Insurance Back Office Systems) using JavaEE and Apache Wicket. Use Agile Methodologies, GitLab, Java ,Testing (JUnit, Mockito and Selenium), IBM Databases and SQL.

EDUCATION

M.Sc. Digital Systems Security
University of Piraeus

10/2021 - Present   *Athens, Greece*

General Information
- Master focus on Cyber Security, GRC, Penetration Testing, Networks, Mobile Internet and GDPR. ↗

Integrated Master's Degree in Computer Engineering and Informatics
University of Patras

10/2014 - 09/2020   *Patras, Greece*

General Information
- 5-years Polytechnic School(300 ECTS). ↗
- Diploma Thesis "Application for attack probability and risk metrics in intercepting personal data from Web" (Privacy Advisor App). ↗

TECHNICAL SKILLS

Java   SQL   Python   Spring Boot   Linux

Cyber Security   Penetration Testing   Shell Scripting

Networks   Forensics   Blockchain   Git

PROJECTS

COVID19 TID Application (12/2021 - 02/2022) ↗
- COVID19TID is a web application for traffic inflation data for COVID-19 dispersion control.
- Technologies: HTML5, CSS3, JavaScript, PHP, SQL, Leaflet.js, Chart.js, Bootstrap4, jQuery.

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) ↗
- User-focused Privacy Advisor Framework for personal data protection with Attack and Risk Probability calculation with automatic report!
- Technologies: •Java •Java Swing •GUI •JDBC •MySQL •Xampp •Jasper Reports •UI/UX •XML •GDPR •Personal Data Protection.

LANGUAGES

Greek
Native

English
Full Professional Proficiency

German
Limited Working Proficiency