

# Ioannis Bakomichalis

Cyber Security Engineer/Analyst | CS Research Assistant | MSc | MEng

Highly motivated Cyber Security Engineer with Master Degree in Cyber Security and integrated Master Degree in Computer Engineering and Informatics. Inspired engineer with skills as problem solving, teamwork, leadership and communication.



✉ ioannisbakomichalis@gmail.com

📍 Athens, Greece

🌐 linkedin.com/in/ioannisbakomichalis

📞 +306971773282

🌐 www.ioannisbakomichalis.gr

🐙 github.com/Mpak1996

## WORK EXPERIENCE

### Cyber Security Engineer/Analyst

PCCW Global Limited

05/2022 - Present

Athens, Greece

#### Tasks

- Configuration and maintenance of NGFWs(FortiGate).
- Monitoring systems, alerts and security incidents using QRadar SIEM.
- Advanced Email Protection using Trellix(FireEye).
- Incident Handling, Cyber Threat Intelligence, Threat Analysis and Intelligence Documentation.

### Cyber Security Research Assistant

University of Piraeus - System Security Laboratory

04/2022 - Present

Piraeus, Greece

#### Tasks

- Research and Development of AI/ML models for Cyber Bulling Detection using Python and variety of ML Algorithms.
- Development of ML Web Application using Python, Streamlit, HTML5, CSS3 and GitHub. [🔗](#)

### 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 - 04/2023

Athens, Greece

#### General Information

- Master focus on Cyber Security, GRC, Penetration Testing, Networks, Mobile Internet and GDPR. [🔗](#)
- Diploma Thesis "Cyber Bulling Detection using NLP & Machine Learning" [🔗](#)

### 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

Cyber Security

Networks

Firewalls

SIEM

Incident Handling

Threat Intelligence

Linux

Java

Python

SQL

Git

## PROJECTS

Gns3Networks (04/2023 - 05/2023) [🔗](#)

- OSPF & BGP using Mikrotik Router
- VLAN using Cisco-IOSv-L2 Switch & Cisco C7200 Router

Cyber Bullying Detection App - MSc Dissertation (08/2022 - 04/2023) [🔗](#)

- Machine Learning Model using Python, NLP & ML Algorithms.
- Technologies: HTML5, CSS3, Python, Streamlit, Git.

CTF Player (01/2021 - Present)

- LetsDefend, TryHackMe, Hack the Box

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, JDBC, MySQL, Jasper Reports.

## CERTIFICATIONS

arcX Foundation Level Threat Intelligence Analyst (08/2023) [🔗](#)

Fortinet Network Security Expert Level 4: Certified Professional (04/2023) [🔗](#)

Microsoft Certified: Security Operations Analyst Associate (02/2023) [🔗](#)

IBM QRadar SIEM Foundation (12/2022) [🔗](#)

## LANGUAGES

Greek

Native

English

Full Professional Proficiency

German

Limited Working Proficiency