



 Thessaloniki, Greece
 [REDACTED]
 radg.pan@gmail.com
 <https://pradoglougrammatikis.com>
 <https://gr.linkedin.com/in/panagiotisrg>

Panagiotis Radoglou-Grammatikis

Summary

I was born in Thessaloniki, Greece on 18/05/1993. I received the Diploma degree (5 years) from the Dept. of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece, in 2016. I am now a Ph.D. student in the same department. My main research interests are in the area of the information security and mainly focus on intrusion detection, vulnerability research and applied cryptography. Also, I am specialized in the mobile application development and parallel programming.

Working Experience

- Informatics teacher associate at Idrogios Education (Lifelong Educational Center Level 1), Greece, teaching the educational programme "Java Certified Developer" in the period 12/10/2017 – Present.
- Ph.D. student at Department of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece in the period 16/02/2017 – Present. During of my Ph.D. program, the following work/academic duties are carried out:
 1. Lab assistant, at Department of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece in the period: 20/02/2017 – Present.
 2. Writing funded research proposals (SPEAR H2020 DS-07-2017, MARS EPAnEK 2014-2020 Research-Creat-Innovate).
- Software developer at WEBEXPERT (<https://www.webexpert.gr/>) in the period 01/07/2015 – 30/09/2015. In my term in the company, the following projects were completed:
 1. **Incus Tune** (<http://www.incustunes.com/>): Incus Tunes is an online music portal, where users can listen to music for free and without ads. On the site, users can create their own playlists and share them with everyone.
 2. **Hellas Cab** (<https://www.hellascab.gr/>): Hellas Cab is a newcomer to the online booking and planned trips by taxi.
 3. **Είμαι Φοιτητής** (<http://www.eimaifoititis.gr/>): Είμαι Φοιτητής is an online portal, where members of the student and academic community can be informed for important news in the area of education.
 4. **KozaniCity**: KozaniCity is a smart travel guide for Android devices, about the city of Kozani.
- Volunteer lecturer of the course "Application Development in Programming Environment" for high school students under of the "OpenCourse" programme of the University of Western Macedonia in the periods 2011-2012, 2012-2013.

Education

- Ph.D. student, Department of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece since February 2017.
 - **Research topic:** Security and Privacy in the Internet of Things.
- Diploma (five-year), Department of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece, in 2016.
 - **Thesis Title:** Implementation of an Intrusion Detection System in Android OS for Wireless Access Networks.
- Admission to the Department of Informatics and Telecommunications Engineering, University of Western Macedonia, Greece after national exams, in 2011.

Skills

- **Software Development:** Assembly x86, C, Java, Python, MATLAB.
- **Web Programming:** (X)HTML, MySQL, CSS, JAX-RS, JAX-WS, JDBC, Wordpress.
- **Mobile Application Development:** Android SDK
- **Shell Programming:** Unix Shells Scripts (ksh, csh, bash, sh), Windows PowerShell.
- **Parallel Programming:** OpenMP, MPI, Posix Threads, Java Threads, Parallel Python, Multiprocessing Python.
- **Scientific Programming Modules:** NumPy, SciPy, Matplotlib, Pandas.
- **Operating Systems:** Microsoft Windows, Unix, Linux, FreeBSD, Android.
- **Networking:** OSI model, TCP/IP stack, 802.(11,15,16)x, QoS/QoE modeling and optimization.
- **IT Security:** Risk Analysis, Threat Modeling, IPSec, Applied Cryptography, Penetration Testing.
- **IT Security Tools:** Metasploit, VirtualBox, Netcat, Tcpdump, Wireshark, File Encryption, Tor, Nessus, Snort, Iptables, OpenSSL.
- **Typesetting Software:** LaTeX
- **Office Suites:** MS Office, MS Visio, Libre Office, Apache OpenOffice.

Languages

- Greek (Native)
- English (C2)

Honors & Awards

- Annual award for excellence as a student from the University of Western Macedonia, in 2016.
- First business plan award for the entrepreneurial idea of the web application: "Virtual Fitting Dressing Room" under of the Lifelong Learning Programme 2007- 2013 of the European Commission in 2015.

Research Activities

- Member of IEEE (ID: 92614101).
- **Publications in Conference Proceedings:**

[C.2] Radoglou-Grammatikis and P. Sarigiannidis, "Flow Anomaly Based Intrusion Detection System for Android Mobile Devices", 2017 6th International Conference on Modern Circuits and Systems Technologies (MOCASST), 2017.

[C.1] P. Radoglou-Grammatikis, E. Manganopoulou and M. Dasygenis, "Parallelization of the hierarchical search in Python for high performance embedded systems", 2016 5th International Conference on Modern Circuits and Systems Technologies (MOCASST), 2016.