

Apostolos Gioulis

Curriculum Vitale

🏠 44 Rusham Park Ave, TW20 9NB, Surrey, UK

☎ 07497272742

✉ gioulisapo@gmail.com

🌐 <https://www.linkedin.com/in/gioulisapostolos>

Education

2015 – Now: MSc Information Security, Royal Holloway University of London (Core A)

- **Computer Security**
- **Security Management**
- **Network Security:** Networks, Communication /reliable/secure channels, Vulnerabilities, attacks, countermeasures, Firewalls, IDS system, Protocols of all layers of OSI, Access control of a system
- **Security Testing Theory and Practice (spring term):** Management and Methodologies, Legal Aspects, Network-based Security Testing, Host/System-based Security Testing, Web Application and Database Security Testing.
- **Cryptography**
- **Digital Forensics**

2009 – 2015: BSc in Informatics and Telecom. , National University of Athens (7.06)

Selected Courses

- Linear Algebra
- Numerical Analysis
- Data Structures
- Algorithms and Complexity
- Operating Systems
- Obj-Oriented Programming, C++
- Discrete Mathematics
- Math for Computer Science
- Computer Architecture I & II
- Communication Networks I & II
- Database Management
- Systems Programming, C, Unix

Working Experience

2013 – Now : Web-Server Administrator for Artist Agapi Apostolopoulou

The most important experience I gained whilst working with Mrs. Apostolopoulou was **working under pressure**, having to deal with a constant series of misfortunes, from infected servers and corrupt databases to unhelpful host-providers. My duties have included partial development of WordPress websites, Host-to-host, website and MySQL database migration, MySQL service troubleshooting as well as Ubuntu Server Management and Sanitization.

2013 (June-August): AIESEC Volunteer, Intern Website Consultant, Nebny, Egypt

Through the international student organization, Aiessec, I worked as an advisor for the charity organization, Nebny. For the duration of 1.5 months whilst living in, politically unstable, Cairo, I pointed out ways to improve Nebny's website and its quality of services. I consider my experience in Egypt one of the most educational and interesting of my life and the people I met there, a constant source of inspiration.

2007 (summer) : Receptionist at [Santorini Camping](#)

Working in an intensely busy environment, I learned the value of organization and efficiency, from a young age. My communication skills were also greatly improved, thanks to the highly communicative nature of the job.

Technical Skills

- **Software Security**
 - I have studied Buffer Overflow Attacks (in C), SQLi, XSS, CSRF, Session hijacking etc. Other than the BSc module “Security of Computer Systems” I attended, I have also successfully completed the Coursera Software Security Module ([certificate](#)).
- **Penetration Testing**
 - Apart from my penetration testing module I have some experience with burp, metasploit and other tools. I have also participated in multiple ctf competitions (hackyeaster etc.).
- **Programming Languages**
 - **C** (Most of my BSc projects involved the use of C, I have thus developed software for database management, graphics with OpenGL ([Asteroid project](#)) *NIX networking ([JobCommander project](#)), *NIX process control etc.
 - **Python:** i.e one of my favorite programming languages. I have most notably used it in my [thesis](#), comparing various deep learning libraries. I have also used python for various other personal projects (e.g. my [Caesar Cipher Implementation](#))
 - **Java + Android SDK:** Developed a web service server + Android app client for POI management.
 - **Assembly:** I successfully completed Computer Architecture I & II during my BSc and wrote numerous assembly programs with the goal of minimizing the total CPI. I have also used assembly to exploit **buffer overflow attacks**.
- **Web**
 - **JavaScript, HTML5, XML, CSS3:** Used it to develop various websites.
 - **PHP:** Used it to develop a social insurance website as part of my MSc’s HCI module.
 - **J2E, JSP:** Used it to develop a fully functional real-estate website ([Broker Web-service Project](#)) as part of my BSc’s Network Application Technologies.
- **Scripting / Frameworks /Databases**
 - **MySQL:** Have used it in various project (e.g. the aforementioned Broker Web-Service). I have also performed **SQLi in various CTF competitions**.
 - **Bash:** I have developed various scripts to make my UNIX life a bit easier.
- **Developer Tools**
 - IntelliJ IDEA, NetBeans, Eclipse, atom, sublime text, vim.
 - MySQL-Workbench
- **Operating Systems**
 - *NIX (Arch, Kali, Tails, Fedora, Ubuntu etc.)
 - Windows

Languages

Greek	: Native
English	: C2 (Cambridge and Michigan Proficiency, IELTS (8))
French	: B2 (Delf Certificate)
Italian	: A2

Interests

Computer Programming, Information Security, Onion Routing, BIOS Security, Cryptocurrency, Rowing (Multiple regional championships won), Open Source Software, Computer History, Boxing, Tennis, Theatre (Non Actors Theatre Group Member), Arts, Travelling, Cinema, Photography, History.