

# Apostolos Gioulis

## Curriculum Vitale

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## Education

**2015 – 2017: MSc Information Security, Royal Holloway University of London**

- **Computer Security** : 95/100
- **Security Management** : 66/100
- **Network Security** : 90/100
- **Cryptography** : 81/100
- **Digital Forensics** : 90/100
- **Security Testing** : 87/100

**2016 : Information Security Management System Consultant based on ISO/IEC 27001:2013, by Taewan Park.**

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

- Data Structures
- Algorithms and Complexity
- Operating Systems
- Obj-Oriented Programming, C++
- Computer Architecture I & II
- Communication Networks I & II
- Database Management
- Systems Programming, C, Unix

## Working Experience

**2016 – 2017 : Intern Penetration Tester Cisco Inc. (Portcullis Security)**

My duties as an intern at Cisco included multiple responsibilities, spanning from preparing statistical reports for customers and shadowing pen testers, to managing administrative tasks and developing software. During my internship, my technical skills hugely benefited.

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

My duties have included partial development of WordPress websites; Host-to-host, website and MySQL database migration; MySQL service troubleshooting; Ubuntu Server management, security hardening and sanitization; SSL deployment.

**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.

## Technical Skills

- **Penetration Testing**
  - I have some experience and good knowledge on performing Infrastructure, Web Application and Android Mobile Application Security Assessments. Other than actual testing, have also completed numerous practice challenges. I am quite apt on the use in multiple tools including Burp Suite, Nessus, nmap, drozer and Others. My preferred testing platform is a custom Antergos box using BlackArch repos.

- **Software Security**
  - I have some experience with exploit deployment, mainly from workshops I have participated in. Other than the BSc module “Security of Computer Systems” I attended, I have also successfully completed the Coursera Software Security Module ([certificate](#)).
- **“Programming” Languages**
  - **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 developed a red teaming reconaissance tool publicly available on my [GitHub](#) page.
  - **Bash:** I consider myself to be a fluent speaker of bash.
  - **Java + Android SDK:** Developed a web service server + Android app client for POI management.
  - **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.
  - **SQL:** I have good knowledge of the SQL syntax, both in breaking it and creating it. I used complex pSQL queries to extract client statistics during my internship at Cisco.
  - **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 also have some experience on **buffer overflow attacks**.
- **Web**
  - **PHP, JavaScript, HTML5, XML, CSS3:** Used them to develop various websites.
  - **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.

## Languages

<b>Greek</b>	: Native
<b>English</b>	: C2 (Cambridge and Michigan Proficiency, IELTS (8))
<b>French</b>	: B2 (Delf Certificate)
<b>Italian</b>	: A1

## 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.