

Apostolos Gioulis

Curriculum Vitae

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Education

September 2015 - November 2017	MSc Information Security, Royal Holloway University of London (Distinction)
September 2009 - July 2015	BSc Informatics and Telecom., National University of Athens (2:1)

Working Experience

January 2017 – September 2018	Research and Informatics private, Greek Army, Infantry School
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Responsibilities

- Assistant to the system administrator of the Infantry School / Infantry High Command networks.
- Gained experience operating within a highly classified and secure environment.
- Other information about my duties and internal projects is classified.

August 2016 - July 2017	Intern Security Consultant Cisco Inc. (Portcullis Security)
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Responsibilities

- Multiple responsibilities, spanning from preparing statistical reports for customers and shadowing pen testers, to managing administrative tasks and developing software.
- Enabled business functions by creating scripts that were and are being used during the reconnaissance phase of Red Teaming tasks.
- Increased productivity in multiple occasions, by automating processes. Some notable mentions include:
 - Scripting the statistical report making process to produce elaborate reports in a matter of seconds something that previously took hours to prepare with subpar results.
 - Creating multiple scripts, automating arduous parts of the Android penetration process.

May 2013 - Today	Web-Server Administrator for artist Agapi Apostolopoulou
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Responsibilities

- Successfully achieved almost constant uptime, despite the many challenges faced, such as server compromise, faulty databases and loss of data. Some of my technical duties included:
 - Linux Server administration
 - Complete automation of Wordpress update and remote backup procedures.
 - Host-to-host, website and database migration
 - MySQL service troubleshooting
 - Security hardening and SSL deployment

Technical Skills

Penetration Testing

- Experience and good knowledge, on performing
 - External Infrastructure Security Assessments
 - Web Application Security Assessments
 - Android Mobile Application Security Assessments
- Apt on the use in multiple tools including Burp-Suite, Nessus, nmap, drozer and others.
- Constantly completing ctf challenges and doing write-ups for my personal wiki.

Software Security

- Some experience with exploit deployment, mainly from workshops I have participated in.
 - Completed University of Maryland's Software Security Module ([certificate](#)).

Programming Languages

- **Python:** Very well versed. Notable Projects:
 - BSc [thesis](#), comparing various deep learning libraries.
 - Red teaming reconnaissance tool (available on [GitHub](#)).
- **Bash:** Excellent skills, constant development of new scripts ([GitHub](#)).
- **Java/Android SDK:** I have developed a web service and an Android client for POI management.
- **C:** Most of BSc projects involved the use of C; Sample Notable Projects:
 - [Asteroid Game](#) with OpenGL
 - *NIX [Job Commander Server](#)
- **SQL:** Good knowledge of the SQL syntax, both in breaking it and creating it.
 - Developed data mining pSQL queries to extract client statistics (Cisco internship).

Web Development

- **PHP, JS, HTML, CSS:** Developed various websites such as my personal [website](#).
- **J2E, JSP:** Developed real-estate [website](#), part of BSc's Network App. Technologies.

Languages

Greek	Native
English	C2
French	B2 (Delf Certificate)

Some Interests

- **Blockchain Technologies** (Cryptocurrency investor. Have also delivered a technical bitcoin seminar during my tenure as an intern at Cisco)
- **e-voting** (Have developed an e-voting protocol utilizing the blockchain as a ballot-box, MSc project that scored 73%. Its publication status is pending)
- **Scripting** (Always looking for ways to automate tasks both in my work and my local Linux installation)
- **Sports** (Taken part in rowing national championships, competed in amateur boxing events and am a certified diver. Sports have taught me the valuable lesson of perseverance and self-discipline.)
- **Theatre** (Amateur theatre Group Member, an experience, hugely beneficial to my social and presentation skills)