Andronikos **Kyriakou**

Web & Git
andronkyr.com
github.com/andronkyr
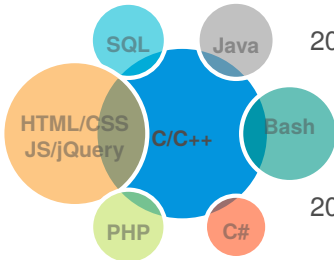
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Programming

Personal Skills

Education

2013 - 2018 **M.Eng in Computer Engineering and Informatics** University Of Patras, Greece
- Integrated Master (EQF Level 7), GPA: 8.54/10 (First-Class Honours)
- Thesis Title: "Containerized Honeypot Deployment for the Analysis and Visualization of Malicious Activity"

2010 - 2013 **High School** Ionidios Model Experimental School,Piraeus,Greece
Overall Grade: 19.3/20

Experience

June 2018 **Presentation: "Paravirtualized Honeypot Deployment for the Analysis of Malicious Activity"** Security BSides Athens

May 2018 **National Cyber Defense Exercise - Panoptes 2018** University of Patras
Part of the team representing University of Patras in a Capture The Flag competition. As part of the competition, we tried to compromise multiple Linux and Windows machines.

2017-18 **Search Engine & Categorization Algorithms** Linguistic Technolgy
Implementation of a search engine in Python and PHP. Reddit was crawled for a period of time and the exported articles were queried by the search engine. Also, categorization algorithms were run on a predetermined email corpus.

2016-17 **Portal Development for Transportation Company** Web Development and Systems
A full system capable to support a transportation company was developed (both front end and back end). Various roles such as administrator, customer or employer were supported. Each order was linked with a QR code that can be used to track or deliver a package. Google's API regarding maps was also used for a better customer's experience regarding the aforementioned services.

2016-17 **Client-Server Protocol Implementaion** Data Networks Laboratory
Implementation of a client-server communication protocol that aims in storing and retrieving key-value pairs. It was written in four different versions depending on how the server processes incoming connections: iterative, on-demand forking, preforking and multi-threaded.

2015-16 **Custom Shell** Operating Systems Class
Development of a shell that reads command-line arguments and executes them via forking. Inter-process communication was also used in order to execute more than one commands (pipe-style).

For a more detailed presentation of my projects, as well as, the developed code, please visit my website.

Publications

October 2018 **Container-Based Honeypot Deployment for the Analysis of Malicious Activity** Global Information Infrastructure and Networking Symposium (GIIS'18)

Teamwork Experience

2003 - Now **Member - Team Leader** Scouts of Greece

2018 **Volunteer** Patras Innovation Quest
The 5th Technology Transfer Exhibition - Patras Innovation Quest (Patras IQ) was held on 27th, 28th and 29th of April 2018, at the Athletic Center "D. Tofalos" in Patras, and it was co-organized by University of Patras, the Ministry of Education, Research & Religious Affairs, the Ministry of Economy & Development, the Chamber of Achaia, the Region of Western Greece, the Hellenic Open University and the Technological Educational Institute of Western Greece.Its main objective is to create a critical competitive advantage both in the research community as well as in the productive sector, through a constant effort to solve problems and apply innovative ideas for the development of new products and services and the optimization of existing ones, which aspire to conquer a part of the national and global market.

2014 - 15 **Local Comitee - IT Team** ECESCON 8
ECESCON 8 (Electrical and Computer Engineering Student Conference) is a nationally acknowledged annual conference hosting more than 1600 students, academics, research groups from all over Greece as well as several international scientists.The goal for our team was to provide a range of IT services, including the design of the conference's website, the cfp platform, the live-streaming and the presentation of cutting-edge technologies and projects that we developed to amuse the attendants during this 3-day conference. By participating in the Mobile Team, we were responsible for the development of the conference's Windows Phone Application.

Languages

Greek ★★★★★ **English** ★★★★★

Certifications

05/2011 **Certification of Proficiency in English** University of Cambridge

05/2011 **Certification of Proficiency in English** University of Michigan

Honors & Awards

10/2013 **University Award for Excellence**
Admitted in seventh place among 1st year students of the Computer Engineering and Informatics Department