



# Andronikos Kyriakou

Computer Engineering Undergraduate

## Web & Git

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github.com/andronkyr

## Mail

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## Skype

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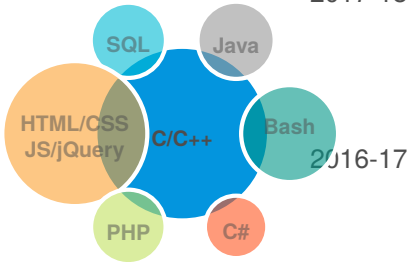
## Education

- 2013 - Now **Diploma in Computer Engineering and Informatics** [University Of Patras](#)  
Master's Equivalent (300 ECTS) - Current GPA: 8.30/10
- 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](#)  
In this exercise, we took part as a team in a Capture The Flag competition trying to compromise multiple Linux and Windows machines.

## Programming

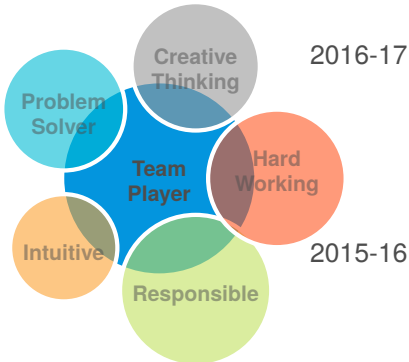


- 2017-18 **Search Engine & Categorization Algorithms** [Linguistic Technolgy](#)  
In this project, reddit was crawled for a period of time and the exported articles were used as a database for a search engine implemented in python and php. Also categorization algorithms were run on a predetermined email corpus.

### 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 are supported. Each order is linked with a QR code that can be used to track or deliver a package. Google's API regarding maps is also used for a better customer's experience regarding the aforementioned services.

## Personal Skills



- 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 is 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 is 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.*

## 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. To-falos" 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 Committee - 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

## Hobbies

Photography Reading Travelling