



Andreas Theofanous

Contact

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Skills

- Self-Reliance
- Communication
- Teamwork
- Attention to Detail
- Problem Solving

Professional Summary

Post graduate student of Computer Science Department, University of Crete. Interests around security systems, network programming and full stack development. Positioned to contribute strongly to customer service operations demanding tact, enthusiasm and an exemplary ethic. Self-motivated and highly reliable when comes to completing a task.

Education

10/2016-Present(expected in 12/2020)

BSc in Computer Science, University of Crete, Heraklion

- Thesis Topic: Intel Software Guard Extensions (Intel® SGX) among IoT devices.

Hands-on Experience & Projects

CS-457 : Introduction to Information Security Systems

- Symmetric & Asymmetric encryption in C socket programming.
- Capture The Flag (within the course of the subject).
- Access control logging system implemented in C.

CS-252 : Object-Oriented Programming

- Board game, Java implemented ,based on the MVC (ModelViewController) design pattern.

CS-436 : Software Defined Networks

- Transparent Load Balancer : Python based controller, handling traffic (ARP & ICMP packet transfer) across a virtual network of switches (Interfaces: ovswitch ,mininet).
- Data center emulation and traffic management via a Cloud SDN Controller :

- Simple Load Balancer implemented on a P4 switch :
- Load Balancer implemented with P4 programming language.
- Remote traffic monitoring (TAP) over ONOS :
- SDN Controller, Java implemented, over the ONOS operating system.

CS-359 : Web Programming

- Front End Development: Web page implementation using HTML, CSS, Javascript. Functionalities:
 - Sign Up
 - Login
 - Post Comment/Image/Text
 - Add/Remove Friends
- Back End Development: Server side,handling HTTP requests/responses implemented in Java .

Languages

Greek — Native

English — C2

Programming Languages

Python, C, C++, HTML, CSS3, Javascript, JAVA , R , P4