

# Curriculum Vitae

---

## GEORGIOS PAPAGEORGIOU

Marathokampos, 83102, Samos,  
Northern Aegean Region GREECE  
E-mail : [g.d.papageorgiou@gmail.com](mailto:g.d.papageorgiou@gmail.com)  
E-mail : [g.papageorgiou@aegean.gr](mailto:g.papageorgiou@aegean.gr)

---

### PERSONAL INFORMATION

Mobile no.: +306976196815  
Sex: Male  
Date of birth: 04/08/1986  
Nationality: Greek  
Military service: Completed – May 2011



### EDUCATION

*January 2014-  
Today*

**Ph.D. Information and Communication Systems Engineering**  
**Title: Smartphone Security: Design and Development**

Supervisors: Dr. Georgios Kambourakis, Prof. Stefanos Gritzalis, Dr. Elisavet Konstantinou

At the University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi Greece

*October 2011-  
February 2013*

**M.Sc. – Master of Sciences in Information Systems Security**

Department of Information and Communication Systems Engineering, University of the Aegean, Lymperis Building, Gorgyras Str, 83200, Karlovassi, Samos, GREECE (*1,5 year degree*)

**with general degree: 8,12(max 10)**

**Thesis:** Offensive Security Educational Platform Implementation and Development (JavaFX application - SSL protocol – LAMP distribution on Debian)

**with degree: 10 (max 10)**

Supervisor: Dr. Georgios Kambourakis

- Internet and Mobile Communications Security
- Cryptography
- Legal Issues
- Security Management

- Database Security
- JavaFX programming
- Php programming

October 2004-  
July 2010

**B.Sc. – Bachelor in Information and Communication Systems Engineering**

Technological and Educational Institute of Piraeus-  
School of Applied Technology-Department of Computer Systems.  
Department of Computer Systems ATEI of Piraeus, Petrou Ralli & Thivon  
250, 12244 Aigaleo, GREECE (*4 years degree*)

**with general degree: 6,63(max 10)**

**Thesis:** Developing an advanced application for remote monitoring of a data network, using object oriented logic (Java application – snmp protocol)

**with degree: 10 (max 10)**

Supervisor: Dr. Georgios Prezerakos

- Hardware
- Java Programming (client – server communication)
- Java Applets and Servlet programming
- Networking Infrastructures (TCP/IP)
- Human – Computer Interaction
- Network Protocols (HTTP, FTP, SNMP, SMTP)
- Secure network protocols (SSL, HTTPs)
- Router, Switch and other network elements (PCs, Laptops, printers) configuration

June 2004

**Lyceum Marathokampos**

Marathokampos, Greece

**with general degree: 18,1 (max 20)**

**CERTIFICATION**

July 2013

**Intensive Program on Information and Communication Security (IPICS)**

IPICS Summer School in karlovassi 2013

**WORK EXPERIENCE**

December 2013 – now

**Manager of information systems in municipal entity of Marathokampos of Samos Municipality**

Municipal Entity of Marathokampos,83102,Samos,Greece

*Business or sector:* Information systems management

September 2013 – now

**Teaching Experience – Private Tutoring**

- Freelance
- Computer science to High School students
- Preparation for exams

*Business or sector: Education*

October 2012-  
February 2013

### **Teaching Experience – Laboratory Assistant**

Laboratory Lectures:

- **Programming Methodologies and Languages II (Java Programming)**
- **C Programming**

At the University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi Greece

October 2011 –  
February 2012

### **Teaching Experience – Private Tutoring**

- Freelance
- Java Programming teaching - Variables & Primitive Data Types, Arrays, Garbage Collection, Constructors, Principles of Inheritance & Polymorphism, Encapsulation, Abstract, Interfaces, Exceptions, File I/O, Graphical User Interface, Threads, Multithreading, Secure Client-Server communication(SSL), Applet-Servlet, Apache Jakarta Commons packets,
- Creating learning methods and exercise sets

*Business or sector: IT, Education*

June 2005 –  
September 2005

### **Land Registry Co-ordinator**

Land Registry office, Karlovassi, 83200, Samos, GREECE

June 2006 –  
September 2006

- Network infrastructure configuration
- Network management
- Security rules application

June 2007 –  
September 2007

July 2011 – July 2012

*Business or sector: Land Registry*

May 2009 – November  
2009

### **Preparation Internship in Software & Services Engineering Laboratory (S2E)**

Department of Computer Systems ATEI of Piraeus, Petrou Ralli & Thivon  
250, 12244 Aigaleo, GREECE *with degree: 10 (max 10)*

- Software technologies and services developer (Java applications): Applet – Servlet Communication, Client – Server Communication, Apache Jakarta packets, Round Robin database (jrobin).
- Mail Server configuration
- Web Server configuration: LAMP architecture
- Web Sites Design and Development (Custom HTML and CSS, PHP)
- Main role was the development of PHP scripts, for the website's functionality, the maintenance of the functionality of the mail and web server and the development from the beginning of two java based applications to serve the students and use IT services of the laboratory.

*Business or sector IT*

---

## **FOREIGN LANGUAGES**

*English*

### **Certificate of Competency In English**

University of Michigan English Language Institute

---

## PUBLICATIONS

*In Press*

### **"Ethical Issues Surrounding Data Collection in Online Social Networks"**

T. Tzouramanis, A. Kefallonitis and G. Papageorgiou: In R. Alhajj and J. Rokne (eds.): "Encyclopedia of Social Network Analysis and Mining (ESNAM)", Springer Science

---

## PERSONAL SKILLS

*Communication skills*

- Presented material to different audiences (e.g. group presentations and seminars)
- Cooperative I adapt well to different environments and to working in multi-language teams
- Experience on working and interacting with people

*Computer skills*

### **Programming Languages (classic and web)**

- Java, JavaFX
- .NET Framework
- C, C++
- C#
- PHP
- Python
- Javascript
- Visual Basic
- Fortran
- Assembly
- CSS/HTML
- XML
- FXML
- Android Applications Development

### **Integrated development environments (IDEs) for programming**

NetBeans IDE 7.3 RC2  
Eclipse  
Jbuilder  
Flex  
Adobe Dreamweaver  
JavaFX Scene Builder 1.1

### **General Computer Skills**

Hardware and Infrastructure  
Security Culture  
Microsoft Office  
Advanced User  
Network Infrastructure and Software (nMap, Wireshark)

### **Miscellaneous**

OpenSSL  
CMS (Joomla, Website Baker)  
Backtrack Suite  
SQL

## Operating Systems (Computer and Mobile)

Windows  
Android  
Linux Distributions  
Unix  
Symbian  
Windows Mobile

## Server Configurations

LAMP on Debian Squeeze  
LDAP on Debian Squeeze

---

## PORTFOLIO

- **B.Sc. Thesis:** Developing an advanced application for remote monitoring of a data network, using object oriented logic (Java application – snmp protocol)
- **M.Sc.Thesis:** Offensive Security Educational Platform Implementation and Development (JavaFX application – SSL protocol)
- Deployment of Android Application for different users (Java application – SQLite database)
- Deployment of Android malware (Java application) *-(for educational purposes)*
- Implementation of secure RMI client - server communication (Java application – IPSec protocol)
- Implementation of a Stream Cipher which is based on the model of filter generator

---

## ADDITIONAL INFORMATION

I am a dynamic social person, always open to innovative ideas. I enjoy using my skills creatively to overcome today's computer challenges. I enjoy a wide range of activities from athletics, music, travelling, reading and internet/computing. I like meeting new people and enjoy being put to the challenge.