

# Curriculum Vitae

## Personal information

First name, Surname	<b>Nikolaos Bompetsis</b>
Address	Available upon request
Telephone	+30 697 82 26 064
e-mail	<a href="mailto:nikolas.mpompetsis@gmail.com">nikolas.mpompetsis@gmail.com</a> <a href="mailto:nbompetsis@di.uoa.gr">nbompetsis@di.uoa.gr</a>
Date of Birth	06/12/1990
Gender	Male

## Work Experience

### Current Job

Employer	Hellenic Telecommunications Organization (OTE)
Occupation	OpenStack Software Engineer
Date	March 2016 to present

### Previous Job

Employer	University of Athens, Department of Informatics & Telecommunication
Occupation	Research & Development
Date	May 2013 to February 2016

### Projects

Title	<b>GRNET Internal NSRF (ESPA) Project</b>
Occupation	Core Python/Django Developer, Continuous Integration - QA tester
Description	Greek Research and Technology Network Internal monitoring project, Network performance monitoring Web Application
Date	November 2015 - February 2016

Title	<b>SPECIFI FP7 EU Project</b>
Site	<a href="http://www.specifi.eu/">http://www.specifi.eu/</a>
Occupation	Android Developer, Administrator
Description	Large scale IoT scenario for the Future Internet and European Creative Ring of Smart Cities Development of the Greek Pilot - Athens Playground Android App
Date	March 2015 - October 2015

Title **METIS FP7 EU Project**  
 Site <https://www.metis2020.com/>  
 Occupation C++ Developer, working on Open Source simulator NS3, writing Technical deliverables  
 Description Development Mobility Management Entity Mail use case based on NS3 LTE module  
 Date April 2014 - August 2014

Title **LIVECITY FP7 EU Project**  
 Site <http://www.livecity-psp.eu/>  
 Occupation Core Java Developer, Project Management, Writing Technical deliverables, QA tester  
 Description HD Video to Video platform for emergency use cases (Ambulance & Telemedicine)  
 Date August 2013 - February 2015

Title **UNIVERSELF FP7 EU Project**  
 Site <http://www.univerself-project.eu/>  
 Occupation Java Developer, Wireless Testbed experiment Developer  
 Description Semantic user profiling mechanism based on policies, Design and Development of the experiment to measure the performance of the produced algorithms on SCANLab's wireless testbed  
 Date May 2013 - July 2013

## **Publications**

### **Indicative Conference Papers**

Title **Video-to-Video E-Health Application Supporting Medical Use Cases for Remote Patients**  
 Authors Panagiotis Diamantopoulos, Eleni Patouni, Nikolaos Bompetsis, Nancy Alonistioti, Joao Concales, Luis Cordeiro, Ioannis Chocliouros and George Lyberopoulos  
 Conference Rhodes, Greece AIAI 2014

Title **Remote Video-to-Video Telemonitoring Use case for Glaucoma Patients**  
 Authors Dimitrios Alonistiotis, Evgenia Kontou, Nikolaos Karachalios, Eleni Patouni, Panagiotis Diamantopoulos, Nikolaos Bompetsis, Nancy Alonistioti and Ioannis Chocliouros  
 Conference Rhodes, Greece AIAI 2014

## Education

### M.Sc

Title           Communication Systems and Networks  
Institute       National and Kapodistrian University of Athens  
Department    Informatics and Telecommunications  
Current Diploma Degree   G.P.A: 9  
Estimation Date   September 2014 - September 2017

### B.Sc

Institute       National and Kapodistrian University of Athens  
Department    Informatics and Telecommunications  
Bachelor Thesis Title   Semantic profiling mechanism based on ontologies  
Keywords       Reconfigurable Networks, Services, Ontology, Semantic Web, Empowerment Network Mechanism  
Supervisors    Nancy Alonistioti Professor, Roi Arapoglou PhD candidate  
Degree          G.P.A: 7.42  
Date            October 2008 - May 2014

### High School

Institute       2o High school of Argos  
Degree          G.P.A: 17.2 / 20

## Personal Skills

**Mother Tongue**   Greek

**Other Languages**   ECCE awarded by the University of Michigan

**Skills and competences**

**Operating System** : Unix, Mac, Windows & TinyOS  
**System administrator** : Nginx, Apache, Nagios, Ganglia, Munin, Owncloud & Continuous Integration Jenkins Service  
**SDN/Testbed** : OpenStack, Fire testbed architecture, OpenVSwitch & Ryu SDN controller  
**Programming Languages** : Bash Script (Advanced), C (Advanced), C++ (Advanced), Java(Advanced), Python (Advanced), Ruby (Intermediate), PHP(Intermediate) & Javascript (Intermediate)  
**Databases** : MySQL, MongoDB (NoSQL) & ElasticSearch (Distributed Full Text Search Engine)  
**Frameworks** : Django (Python), Spring (Java) & Node (Javascript)  
**Build Frameworks** : Maven (Java) & Gradle (Android)  
**Software Tools** : Eclipse, Netbeans, Android Studio, Wireshark, NS3 (LTE module) & MatLab  
**Data Mining Tool** : WEKA