Dimitris Varvaras

Computer Engineer

A passionate Computer Engineer who enjoys to design and build state of the art applications, always trying to find the most efficient solution to each problem I encounter. My main goal is to keep constantly evolving my knowledge and skills over software development.

Personal Info
nationality: Greek
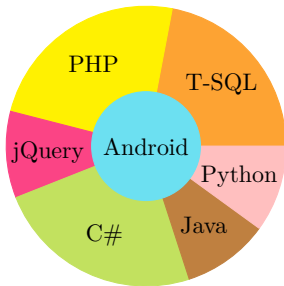**birthdate:** 30/10/1985
gender: Male

Address
Patras, Greece

Contact Info
skype:dimitris_varvaras
mail:varvarasdimitris@
gmail.com

Web
dimitrisvarvaras.eu

Programming

Computer Skills
Visual Studio,
Android Studio, Eclipse,
VMware Workstation,
MS SQL Server,
SVN

Experience

01/13 - 09/15 Lead Software Developer Computer Technology Institute "Diophantus", Patras, GR
Maintenance and development of a Web Information System that is being used for the administration/management and payment extraction of more than 25,000 employees [*http://bglossa.ypepth.gr*].
Technologies/Tools: T-SQL, PHP, Ajax, Javascript, CSS, Python, Apache

01/15 - 04/15 Software Developer CTI "Diophantus", Patras, GR
Design and development of a WiFi Android Localization System which uses WiFi hotspots, distributed at various locations in the city of Patras(Greece) (in cooperation with DYNACOMP).
Technologies/Tools: Android, Python, XML-RPC, Android Studio

04/12 - 12/12 Junior Software Developer CTI "Diophantus", Patras, GR
Development of a Web Human Resources Information System that is used for the administration/management of Greek expatriate schools and teachers over the globe [*https://dipode.cti.gr*].
Technologies/Tools: MS SQL, ASP.NET 4.0 (C#), MVP architecture, Ajax, Telerik Framework, IIS, MS Visual Studio

11/10 - 09/11 Network Administrator Greek Military Services, Ioannina - Athens, GR
Responsible for network security/administration of a large scale military network (250 computers, 3 servers), providing solutions in a large range of I.T. networking problems.
Technologies/Tools: LDAP, MS Active Directory, MS Exchange, MS SQL Services, Windows Server 2003

12/08 - 12/09 Call Information Center Hellenic Organization of Telecommunications, Patras, GR
White Pages Information and technical support (over 100 terminals).

2006 - 2007 Computer Graphics Designer (Freelancer) Patras, GR
Designer of three dimensional and two dimensional computer graphics.
Technologies/Tools: 3D Studio Max , Adobe Photoshop

Education

11/08 - 12/11 MSc in Computer Science & Engineering GPA(9.0/10.0)
University of Patras, Department of Computer Engineering & Informatics, GR

Title of Thesis: *"WiFi Localization via Particle Filtering and use for m-commerce"*
Location extraction of Android mobile users with implementation of the probabilistic technique "Particle Filtering" for noisy measurements suppression in conjunction with data mining techniques such as Market Basket Analysis and Decision Trees over the spatial data.
Technologies/Tools: Java, Android, Bash Scripting, MySQL and JDBC

Languages

Greek, Mother Tongue
English, Certificate of
Proficiency ,UMich

Interests

Motorcycling, Bicycling
Piano, Guitar
Travelling

11/03 - 11/08 **BSc in Computer Engineering & Informatics GPA(8.03/10.0)**

University of Patras, Department of Computer Engineering & Informatics, GR

Title of Thesis: *"Implementation of an observation application of users' mobility inside a local area WiFi network, targeting at the collection of positioning information and data exchange"*
Use of WiFi triangulation for location extraction inside a multiple hotspot environment.
Technologies/Tools: C,Java,Visual C++ and Bash scripting

Certifications

05/2008   **Workshop**   CTI "Diophantus", Patras, GR
"Security Issues, Reinforcement of the Security and Data Recovery"

01/2014   **Workshop**   Institute for Innovation & Sustainable Development "AEIPLOUS", Patras, GR
"Development & Implementation of Decentralised Solar Energy-Related Innovative Technologies for Public Buildings in the Mediterranean Basin Countries"

Publications

John Garofalakis, Dimitris Varvaras
WiFi Localization via Particle Filtering and Use For M-commerce
KES-2012, 16th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, September 10-12, 2012, San Sebastian, Spain