Dimitrios Evangelopoulos

Computer/Network & Telecommunication Engineer

montifas@aol.com

Summary

Greetings! I am Dimitrios Evangelopoulos, an undergraduate Computer Engineering student majoring in Telecommunications and Networks at the University of Thessaly, Volos Greece. I also work as a freelancer Developer, principally for Precision Agriculture applications. My professional interests include Precision Agriculture, Microprocessors, Web Development, Operating Systems (Linux, FreeBSD, Mac OS X, Android,Windows), Open Source and Networks. I am a proficient programmer in a range of languages like Python, Java, SQL as well as HTML5, PHP, CSS3, Javascript, JQuery, Actionscript, SQL. I consider these skills and interests as the tools of the trade but my profession is most definitely to apply them in new and creative ways. That is precisely why I excitedly look forward to the next challenge.

Experience

Freelancer Computer Engineer at   evangelopoulos.net

January 2014 - Present (1 year 3 months)

Currently, I am working as a freelance Computer Engineer in automation field. I build agricultural automation applications, set up networks, long-distance WiFi links, build Web applications and Android Applications.

1 recommendation available upon request

Hosting / Streaming Provider at   Hosting / Streaming Services

September 2013 - Present (1 year 7 months)

While working in various projects, i had the need of using a web server but not one of the existing services was covering my special needs. So in 2013 i started owning servers and shared my knowledge with my network and colleagues by selling internet services as well. Through my own web/streaming servers at the best European data centers, I offer unbeatable internet services at unbeatable prices. I am a backbone media streaming provider. Radio and TV stations/enthusiasts that broadcast on the internet are my clients. I also provide iPhone radio streaming services and applications.

Professional Farmer at   Farming

January 2009 - Present (6 years 3 months)

As a second occupation, I run a farming business inherited from my father. I have grown cotton and corn since 2009 on both my own proprietary and rented farmland. I am also hired by other farmers to provide them with cultivating and plowing services on demand. At the same time, I have set myself the challenge of finding ways to use computers to implement methods for precision farming. I use a set of raspberry pi's connected to sensors so as to control complex farming equipment such as crop spraying machines, hydraulics

and so on. My future goal is to expand the system and use GPS information. Check out the projects section for more.

Computer Engineer Intern at EPSA S.A.

July 2014 - August 2014 (2 months)

My responsibillities included, website maintainance, Conducting Web-Based customer surveys, Network Overview and maintenance and generally prodiving technical support

Chief Administrative Officer at Argo Film Festival (Non-Profit Foundation)

January 2010 - January 2014 (4 years 1 month)

Co-Founder and Chief Administrative Officer at the Argo Film Festival (aka Vollywood) a non-profit, volunteer run organization in Volos, Greece. The main objective of the festival is to be a platform for young film makers to express themselves and to realize their potential, thus helping them launch their careers in the movie industry. The enterprise comprises both the annual festival and a movie production company and I am an instrumental part of both. I am responsible for a multitude of diverse tasks ranging from chairing staff meetings and issuing press releases to budget planning, and the formulation of business plans.

Official Lecturer at Lyoness International

October 2010 - December 2013 (3 years 3 months)

Official Lecturer for Lyoness International, a global loyalty rewards program dedicated to providing a rewarding and mutually beneficial relationship between their unparalleled community of international shoppers and merchants. I was paid to give lectures to people interested in joining the Lyoness Loyalty Rewards program and inform them about the exclusive benefits from online shopping, gift card purchases, the Lyoness cash-back card and mobile cash-back with over 40,000 merchants at more than 250,000 locations worldwide.

Owner/Senior Developer at DigiPulse Internet Services

December 2009 - December 2012 (3 years 1 month)

Founder and CEO. The company offered high quality internet services such as long-range WiFi links, security systems, web design, application development in both the web and desktop environment. I specifically developed a web application used for the DigiPulse e-shop, which automatically synced with my distributors product lists and grabbed information such as availability, price, product description etc., thus making it possible to run a fully automated e-shop with up-to-date information on more than 200,000 products. This application was later sold to a famous Greek electronics sales company and is still in use.
1 recommendation available upon request

Network Security Assistant at US Consulate General Thessaloniki

July 2010 - January 2011 (7 months)

During my employment at the U.S. Consulate General Thessaloniki, some of my responsibilities included network security maintenance and server administration. Later, I was trained to prevent online attacks such as SQL injections and so on. At the same time, I was executing tasks for the Intranet Server Administrator of

the Embassy. I was also responsible for the training of new interns in the use of the Embassy's intranet under the Intranet Cyberawareness initiative.

Technical Expert at Olympus Marathon
2009 - 2011 (2 years)

As a member of the Marathon's Technical team, we set up long range WiFi links all over Mt. Olympus with IP cameras set up along the course and antennas on mountain refugees. This equipment served the race's needs for the live streaming of race results, quick emergency alerts and overall control of all areas of the mountain. Despite the technical challenges imposed by the remoteness of the location, forested environment and mountainous terrain, we managed to achieve the coverage standards demanded of such a prestigious marathon racing event.

Volunteer Experience

Volunteer Blood Donor at Greek Health System
2010 - Present (5 years)

Young Masters Program at Participation in the Global Environmental Youth Convention
October 2006 - October 2007 (1 year 1 month)

Global Environmental Youth Convention (GEYC) 2006 within the Young Masters Program (YMP) online course on Preventive Environmental Strategies, consisting of the following components: # Part I- About sustainability # Part II- Sustainable solutions # Part III- Local project work # Part IV- Global Environmental Youth Convention in Dubai The online course (YMP) was organized by the International Institute for Industrial Environmental Economics (IIIEE) at Lund University in Sweden from the autumn 2005 to the winter 2006, ahead of the Global Environmental Youth Convention (GEYC) 2006 in Dubai. Students 16-18 years old were chosen around the world after the successful completion of the course

Honors and Awards

Career Level 3
LYONESS International

May 2011

6th Position in 7th European Uni#n Science Olympiad (EUSO) qualifier
EKFE research center Magnesia

2007

I was awarded with the 1st Position in Magnesia and 6th in Panhellenic qualifiers for 7th European Uni#n Science Olympiad (EUSO) in Physics. During the examination, i was given some everyday objects and i was asked to combine the use of these objects as well as my knowledge in physics to measure certain parameters.

Certifications

Lyoness International Official Lecturer

Lyoness International   January 2011 to December 2011

Blender 3d Video Proccessing

University of Crete   April 2010

LAMS (Learning Activity Management System) Developer

University of Crete   April 2010

LAMS (Learning Activity Management System) User Instructor

University of Crete   April 2010

Advanced Open Water Diver

PADI   License 1109UG0374   October 2014

EDEXCEL

University of Westminster   License 85053:0134:0605011589:070991   May 2006

Certificate of Proficiency in English

University of Michigan   March 2007

Niveau élémentaire

PALSO FEDERATION   License MAG-F204001   May 2005

Projects

5-stage pipelined MIPS processor implementation 32bit

September 2014 to December 2014

Members:Dimitrios Evangelopoulos, George Varvarelis

A final project for CE232 course at University of Thessaly under the direction of Dr. Nikolaos Bellas. The project's purpose was to design and simulate a MIPS(Microprocessor without Interlocked Pipeline Stages) pipelined Central Processing Unit(CPU) using the verilog hardware description language. The objectives of the project consisted of furthering our understanding of pipelining and processor design as well as providing well commented Verilog RTL source code, complete simulation test benches & scripts, and detailed documentation. and to further understand the MIPS instruction set. ---Technical brief--- 1. 32-bit data width 2. classic 5-stage static pipeline, 1 branch delay slot, theoretical CPI is 1.0 3. pipeline is able to detect and prevent RAW hazards, no forwarding logic 4. 32 general purpose registers 5. supporting all R format, I format and J format instructions

Integrated Non-Compliance Incidents Management Web Platform

November 2014 to January 2015

Members:Dimitrios Evangelopoulos, Konstantinos Moutsinas, Tzamtzis Argyris

Evetam logbook has been designed specifically for fast-growing daily workflow needs of MIRTEC S.A. – (Materials Industrial Research and Technology Development Centre). The solution enables Mirtec S.A. to automate core business processes like non-compliance incidents and improve it's overall operational efficiency as users have a better well updated overview of all non-compliance incidents in all 5 branches all over Greece. Evetam Logbook web-platform is remarkably easy-to-use and doesn't require specialized skill set. The platform consists of a login function offered only for EBETAM employees that supervise all the

companies need to be certified and it is used in a national level in order to successfully sort all their cases (at least 120 per month). It delivers greater business value in key areas daily operational competence.

Argo Film Festival

August 2009 to August 2014

Members:Dimitrios Evangelopoulos, Xanthos Vlachos, Alexia Robertson, Terry Dougas, Konstantinos Moutsinas

Co-Founder and Chief Administrative Officer at the Argo Film Festival (aka Vollywood) a non-profit, volunteer run organization in Volos, Greece. The main objective of the festival is to be a platform for young film makers to express themselves and to realize their potential, thus helping them launch their careers in the movie industry. The enterprise comprises both the annual festival and a movie production company and I am an instrumental part of both. I am responsible for a multitude of diverse tasks ranging from chairing staff meetings and issuing press releases to budget planning, and the formulation of business plans.

Languages

English	(Full professional proficiency)
Greek	(Native or bilingual proficiency)
French	(Limited working proficiency)

Skills & Expertise

Verilog
Assembly Language
GIT Version Control System
Linux
Entrepreneurship
Business Strategy
Online Marketing
Java
Programming
Web Development
PHP
Network Security
Python
C++
JavaScript
C
HTML
Networking
Matlab

Education

University of Westminster

Summer School, Sustainable Development, 2007 - 2007

Grade: A++

Brunel University

Summer School, Sustainable Development, 2006 - 2006

Activities and Societies: I attended Lectures on topics related to Sustainable Development, i took part in Debate Groups and completed several given projects with my Team

University of Thessaly

Computer & Telecommunication Engineer, Computer Engineer with a major in Telecommunications and Networks, 2009

Activities and Societies: Volug (Volos Linux User Group)

1 recommendation available upon request

Interests

Travelling, Diving, Motorbikes, Long walks with my Labrador

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Linked in.

3 people have recommended Dimitrios

"Dimitrios is a great professional. We have completed many projects together during 2009-today and he has demonstrated his valuable skills, while working under pressure. He has the ability of taking the initiative in order to facilitate the realization of any given objective. He is creative and solution-oriented who is highly respected not only professionally but on a personal level as well."

— **Xanthos Vlachos***, Student, University of Thessaly, Volos, Greece*, worked directly with Dimitrios at evangelopoulos.net

"I had the pleasure of working together with Dimitrios for quite a time in several projects. He is a very professional, innovative and consistent person who you can trust on deadlines!His great social and presentation skills, add extra value in every cooperation."

— **Vaios Kolofotias***, Senior Developer, DigiPulse Internet Services*, worked directly with Dimitrios at DigiPulse Internet Services

"Dimitri and Georgios are one of the few project teams I have had this term, in CE232-Computer Organization and Design course, that could truly grasp and apply the concepts behind designing and simulating a MIPS microprocessor. The specifications of the the project involved understanding a pipeline architecture along with the forwarding, hazard and flushing units of the processor. The above ideas required to be proficient in the Verilog language in order to achieve the maximum score of the project. Dimitri's team excelled at the task. They came up with an efficient code which was easily readable and when assembled, the correct output from the processor was successfully achieved. "

— **George Floros**, managed Dimitrios indirectly

[Contact Dimitrios on LinkedIn](#)