



Dimitrios S. Dimopoulos

Birth date: 26/01/1991

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Fulfilled military obligations
[January 2014 - October 2014]

Dimopoulos Dimitrios

Software Developer

About me: My purpose is to become a member of a group supporting its goals. I would like to handle responsibilities and cope with new technologies, in order to provide agile solutions.

Working Experience

- Leon Invent Inc.

Full-time, September 2020 – September 2025

Full Stack development, including the following responsibilities:

- Backend development with **CodeIgniter** (<https://www.codeigniter.com/>).
- Web/Mobile applications with **Ionic Vue** framework (<https://ionicframework.com/>).
- Frontend with Vanilla JS/jQuery/Vue/Nuxt
- Database management with MySQL

- HeadStartAviation Systems

Part-time project, from April 2017

Full Stack development, including the following responsibilities:

- Administrator's Web-Office, for expense management (**PHP**).
- Web/Mobile application to upload expenses (**PHP / React Native framework**).
- Frontend with Vanilla JS/jQuery/Vue/Nuxt
- Database management with MySQL

The above tasks included analysis and development.

<https://hasbackoffice.net/>

- Cognition

Full-time job, 10 January 2017 - 9 August 2017

Participated in the **My Cosmote** Android application, including the following responsibilities:

- Extend user-interface(Android Studio IDE).
- Test-After development (MOCHA framework in NodeJs)

<http://www.cognition.gr/>

Education

Masters degree in ARTIFICIAL INTELLIGENCE

University of BATH (September 2024 - now)

- Programming with Python' s AI libraries.
- Supervised Learning
- Reinforcement Learning

Masters degree in COMPUTER SCIENCE (Grade 8,3)

Athens University of Economics and Business

(October 2014 - March 2016)

- Video Streaming in wireless networks.
- Internet ofThings(IoT).
- Master thesis project with title:

"Improving the Quality of Experience for DASH Streaming Utilizing Mobility And Quality Switch Awareness". A part of it was published in 2016 research project.

Bachelor degree in INFORMATICS (Grade 6,5)

Athens University of Economics and Business

(September 2008 - September 2013)

- Computer Systems and Networks.
- Databases and Knowledge Management.
- Data Mining
- Software Architecture
- GameTheory
- Network Secutiry
- Bachelor thesis project with title:
"Improve video streaming with Mobility Prediction and Prefeching" A part of it was published in 2014 research project.

Academic Research Projects

2016

Vasilios A. Siris, Xenofon Vasilakos, DimitriosDimopoulos:

Exploiting mobility prediction for mobility & popularity caching and DASH adaptation.

WoWMoM 2016: 1-8

<http://mm.aueb.gr/publications/2016-wowmom.pdf>

2015

Vasilios A. Siris, Nikos Fotiou, Dimitris Dimopoulos, George C. Polyzos:

I-CAN: Information-Centric Access Networking.

EuCNC 2015: 418-422

<http://mm.aueb.gr/publications/2015-ican.pdf>

Vasilios A. Siris, Dimitrios Dimopoulos:

Mobile Multipath Data Transfer over Multirate Wi-Fi Links.

MobiArch 2015: 57-62

<http://mm.aueb.gr/publications/2015-mobicom.pdf>

Vasilios A. Siris, Dimitris Dimopoulos:

Multi-source mobile video streaming with proactive caching and D2D communication.

WOWMOM 2015: 1-6

<http://mm.aueb.gr/publications/2015-nsvd.pdf>

2014

Dimitris Dimopoulos, Christos Boursinos, Vasilios A. Siris:

Multi-source Mobile Video Streaming: Load Balancing, Fault Tolerance, and Offloading with Prefetching.

TRIDENTCOM 2014: 271-281

<http://mm.aueb.gr/publications/2014-Tridentcom.pdf>

2013

Vasilios A. Siris, Maria Anagnostopoulou, Dimitris Dimopoulos:

Improving Mobile Video Streaming with Mobility Prediction and Prefetching in Integrated Cellular-WiFi Networks.

MobiQuitous 2013: 699-704

<http://mm.aueb.gr/publications/2013-Mobiquitous.pdf>

Skills

Programming languages

- PHP
- Java
- C

Web Platforms

- CodeIgniter (<https://www.codeigniter.com/>)

Mobile application programming

- Ionic Vue
- React-Native

Software validation libraries

- Mocha testing on Node-JS (<https://mochajs.org/>)

