



Dimitrios S. Mallis

SOFTWARE ENGINEER · ELECTRICAL ENGINEER

03-02-1992

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Whenever you are asked if you can do a job, tell 'em, "Certainly I can!" Then get busy and find out how to do it. – Theodore Roosevelt

Short Bio

Dimitrios Stefanos Mallis is an graduate Electrical and Computer Engineer. He received his B.S at Democritus University of Thrace, which he attended from 2010 to 2015. During his studies, he published several scientific papers with most notable, his work on Sentiment Analysis of Greek Tweets been presented in the 19th Panhellenic Conference on Informatics and the 8th Electrical and Computer Engineering Student Conference of 2015. Also, the novelties of his diploma thesis entitled "Separation of Audio Sources in real reverberant rooms", was presented to the 12th AIAI in Thessaloniki Greece and is currently accepted for publication in a following issue of Springer's scientific journal "Evolving Systems".

He was a summer intern at ATEKE Construction S.A from 2010 to 2015 and conclude his military service in November 2016. After his graduation he has focused on software engineering for the enterprise. From October 2016 he is a Junior Software Engineer in Singular Logic, developing mostly server side application and APIs using .NET Technologies.

He is fascinated about Software Architecture and the principles of Object Oriented Design, constantly working upon improving his skill set and learning more, in the ever changing world of Software Development. He lives in Athens Greece and enjoys programming, motorcycling and Crossfit.

Software Engineering Experience

Singular Logic.

Kifisia, Greece

JUNIOR SOFTWARE ENGINEER

Oct. 2016 - present

- Designing custom solution, applications and services for the enterprise.
- Main focus is in server side applications, middle wares and APIs, using .NET related technologies.

Scientific Publications

Evolving Systems Interdisciplinary Journal for Advanced Science and Technology

Greece

CONVOLUTIVE AUDIO SOURCE SEPARATION USING ROBUST ICA AND AN INTELLIGENT EVOLVING PERMUTATION AMBIGUITY SOLUTION

Pending

- Mallis, D., Mitianoudis, N., Sgouros, T., Currently Accepted and Pending Publication.

Artificial Intelligence Applications and Innovations: 12th IFIP WG 12.5 International Conference and Workshops

Thessaloniki, Greece

CONVOLUTIVE AUDIO SOURCE SEPARATION USING ROBUST ICA AND REDUCED LIKELIHOOD RATIO JUMP

Sept. 16-18, 2016

- Mallis, D., Mitianoudis, N., Sgouros, T. Proceedings pages: 230-241, Springer International Publishing, doi: 10.1007/978-3-319-44944-920

19th Panhellenic Conference on Informatics

Athens, Greece

SENTIMENT ANALYSIS OF GREEK TWEETS AND HASHTAGS USING A SENTIMENT LEXICON

Oct. 2015

- Kalamatianos, G., Mallis, D., Symeonidis, S., Arampatzis, A. Proceedings PCI '15. Pages 63-68 ACM New York, NY, USA ©2015 table of contents ISBN: 978-1-4503-3551-5 doi>10.1145/2801948.2802010.

8th Electrical and Computer Engineering Student Conference 2015

Patra, Greece

SENTIMENT ANALYSIS OF GREEK TWEETS AND HASHTAGS USING A SENTIMENT LEXICON

Apr. 2015

- Mallis, D., Kalamatianos, G., Symeonidis, S., Arampatzis, A., Proceedings in Greek link: <http://hashtag.nonrelevant.net/ecescon2015.html>

Education

Democritus University of Thrace (DUTH)

DIPLOMA (EQUIVALENT TO B.S AND M.S) IN ELECTRICAL AND COMPUTER ENGINEERING.

Xanthi, Greece
Oct. 2010 - Nov. 2015

- Grade: 8.07/10
- 5th greater mark at his graduation
- 5 years of studies
- Specialization area: Electronic and Information Systems
- Diploma thesis title: "Sound Source Separation in Real Room Environments"

Skills and Strengths

.NET

C#, ASP.NET Web Api 2, ASP.NET Core, LINQ, Ninject, TFS, ADO.NET, Async Programming, CLR.

SOFTWARE DESIGN AND ARCHITECTURE

Object Oriented Design, SOLID Principles, Enterprise Application Architecture, Design Pattern, Algorithms and Data Structures, T-SQL and Microsoft SQL Server, Rest API Design and Documentation, Refactoring.

GENERAL PROGRAMMING SKILLS

Json and Json.Net, XML, Http, Git, Javascript, HTML5, AJAX, networking.

GENERAL ACADEMIC SKILLS

Signal processing, Pattern Recognition, Information Retrieval, Sentiment Analysis, Hadoop, Map Reduce, Latex, Arithmetic - Numerical Analysis, Probability theory.

STRENGTHS

Attitude for constant improvement, Ability to break problems into small modules, Always seeks to produce software of high quality, Able to do independent work, Research experience, Able Communicator, Effort towards deep understanding of underlined principles in technology and methodologies, Values Productivity.

Other Relevant Experience

ATEKE Construction S.A.

SUMMER INTERN

Athens, Greece
Jun. 2010 - Sept 2015

- Technical Support, network configuration and maintenance.
- Construction of various script solutions still in use for the efficiency of everyday office tasks.

Military Service

ANALYST AND COMPUTER PROGRAMMER

Athens, Greece
Feb. 2016 - Apr 2016

- Network and Server Administration tasks for the camps internal network.
- Servers Troubleshooting, Create a backup, System Updates, Implement the policies, Password and identity management
- Desktops, hardware/peripherals configuration

Hobbies

Crossfit, Photography, Photoshop, Audiobooks, Motorcycling