

Themistoklis Papameletiou

Software Engineer
Athens, Greece
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Technical skills

Advanced		
OOP	Javascript (ES6), node.js, JSON	HTML5/CSS3/Less
Web Design (Responsive)	Typescript	MVC
Git/GitHub	REST	Unit Testing/TDD (Mocha, Chai)
ReactJS	MySQL	
Intermediate		
vim	Flux/Redux	C/C++
GraphQL	Laravel/CakePHP	JUnit
Webpack	PHP 5	Python
Databases	MongoDB	Django
Algorithms	Karma	Arduino
Computer Graphics	Grunt	
Beginner		
Artificial Intelligence	Java	AngularJS
Neural Networks	WebGL	

Education

2014 - 2021 (expected):
Electrical and Computer Engineering undergraduate
National Technical University of Athens.

Professional Experience

October 2018 - Currently:

SPIN - Space Innovation: Volunteer: Rocketry Team Lead
Athens, Greece

Researched into solid rocket motors and successfully designed, built and tested a solid rocket motor. Also built our complete avionics system, from the ground control to the electronics and software running onboard the rocket.

January 2018 - June 2019:

SignedBlock: Software Engineer
Athens, Greece

Focused on research and implementation of a high frequency algorithmic trader on cryptocurrency markets. Also worked on DApps communicating with smart contracts on Ethereum.

August 2018 - October 2018:

European Space Agency: Software Engineering Trainee
Madrid, Spain

Worked with the ESA IT team. Improved an open source datacenter management tool written in PHP. Developed an internal ticketing dashboard from scratch using Django with Python and ReactJS. Defined and improved testing and development procedures.

July 2015 - September 2015:

Google: Software Engineering Intern
Zurich, Switzerland

Dremel SRE team. Created a web dashboard and contributed both in the back-end (C++, Protocol Buffers, SQL) and front-end (AngularJS, LESS). Also actively participated in the project management.

July 2013 - June 2015, October 2015 - December 2017:

Vidpulse: Software Engineer
Athens, Greece

Full-stack engineer on services that were used by thousands of international clients. Projects included: custom web video player based on VideoJS, ReactJS dashboards with Redux, NodeJS backend with Express, GraphQL and MySQL, unit tests on all different projects.

[Side projects](#)

Teaching

October 6, 7 - 2016: **Web & Network Security**

Invited by the [IEEE Student Branch](#) of Aristotle University of Thessaloniki.

May 18, 19 - 2016: **git & GitHub workshop**

Invited by [EELLAK](#), 2-day 6-hour workshop on git and GitHub.

April 18, 19 - 2016: **FOSSCOMM 2016: ECMAScript 6 + Babel**

2-day workshop on ECMAScript 6 and Babel

April 14 - 2016: **Introduction to Web Security**

Invited by EESTEC of ECE Department at Democritus University of Thrace. Talk and live demos of ARP Spoofing, SSL strip, CSRF, XSS, SQL injection and MitM attacks.

October 5, 7 - 2015: **git & GitHub seminar**

Two-day seminar on git & GitHub with hands-on tasks, quizzes and prizes.

Awards

May 2017: **Crowdhackathon Smartcity - Innovative Applications Hackathon**

Winners -- [Source Code](#)

March 2017: **Beyond Hackathon - Fintech Hackathon**

Winners -- [Source Code](#)

November 2012: **Making Javascript Beautiful**

Winners

May 2012: **24rd Greek Competition in Informatics**

Candidate for [IOI](#) team

October 2011: **XSTEER Hackathon**

Winners

May 2011: **23rd Greek Competition in Informatics**

Candidate for [IOI](#) team