

Tzivaras Vasileios

MSc in Computer Science & Engineering

Date of Birth : 24/07/1990

Military Duty : Served

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Summary

Dynamic and Self-Motivated, with experience in networks, IoT and robotics, holding a MSc degree in Computer Science and Engineering. Team leadership and project management skills as former chairman of the IEEE University of Ioannina Student Branch. Enthusiastic about new technologies, authored two technical books about UAV and IoT. Fast learner, adaptive to new models and tools, able to carry out challenging and time demanding projects.

Leadership	Teamwork	Project Management	Problem Solving	Risk Taking	Critical Thinking	Influencer
Full Stack Developer	Databases	Networking Protocols	Penetration Testing	Linux Administration		

Education

2009 - 2018

MSc degree in Computer Science and Engineering

University of Ioannina, Ioannina, Greece (uoi.gr)

- o Integrated Master's Degree
- o Total ECTS: 300

2016 - 2018

Diploma thesis, University of Ioannina, Greece

Quadrotor landing using Visual Servoing

- o Quadrotor Physical Model, Simulation Model using MATLAB
- o Image Based Visual Servoing (IBVS) Algorithm using OpenCV

Work Experience

2014 – Present

Full Stack Web Developer

Freelancer, Worldwide

- o Plesk and CPanel Administration
- o Front-end developer (HTML5, CSS3, Javascript)
- o Back-end developer (PHP7, Laravel, Bash, Linux, MySQL)
- o Graphics Design (Gimp)

22/10/2018 – 01/12/2018

Junior Software Engineer

Omicron2, Greece

- o Design and develop cross platform software in Adobe Animate CC

2015 - 2017

Technical Book Author / Reviewer

Packt Publishing, Birmingham, United Kingdom

- o Author of "Building a Quadcopter with Arduino" technical book with ISBN 9781785281846
- o Author of "Raspberry Pi Zero W Wireless Projects" technical book with ISBN 9781788290524
- o Reviewer of "Internet of Things With Arduino Cookbook" with ISBN 9781785286582
- o Reviewer of "Building Smart Homes With Raspberry Pi Zero" with

ISBN 9781786466952

- Reviewer of "Intelligent IoT Projects in 7 Days" with ISBN 9781787286429

2011 - 2013

Volunteer: Computer and Network Technician

Computer Science and Engineering Dept, University of Ioannina, Greece

- Laboratory equipment maintenance
- CSE department management assistant

2011 - 2013

Internship: Computer and Network Technician

Technical Dept, University hospital of Ioannina, Greece

- Responsible for network maintenance and troubleshooting.
- Project coordinator

Projects

Short list of the most proud of projects. For more details visit github.com/billytziv.

Project Title	Description
Autonomous Quadrotor Landing using Visual Servoing	Robotics, Python, MATLAB, OpenCV, Kinematic and Dynamic Model, Electronics, Arduino, Raspberry Pi
Home Automation	Designed and developed a network working architecture using Arduino and Raspberry Pi boards over Wifi and Ethernet
Ticket Service	Designed and developed using PHP5, HTML5, CSS3, JQuery, MySQL
Quick Recipient	A fast and quick way for ordering products which was, designed and Developed in Adobe Animate CC software

Volunteering

2015 - 2018

Former Chairman

IEEE Student Branch, University of Ioannina, Greece

- Influencer and team leader
- Seminar and workshop speaker – coordinator
- Risk-Taking and Decision-Making
- Budget management

Personal Skills

2009 - Present

Communication Skills

- Communication and collaboration skills gained through IEEE UOI SB leadership role and CSE department projects
- Presentation and leadership skills gained through IEEE UOI SB, FOSSCOMM conference and Ennovation competition
- Contact skills gained through my collaboration with PACKT Publishing, UK
- Deadlines, consistency, leadership skills

2009 - Present

Organisational / Managerial Skills

- Chairman of the IEEE Student Branch at UOI, Greece
- Responsible for software development at UHI, Greece
- IoT team management through IEEE UOI Student Branch
- Leadership role in workshops and seminars through IEEE UOI Student Branch, FOSSCOM and Ennovation competition