Vasileios Sideridis

Kassou 18, Heraklion 71305, Greece, Phone: (+30) 6980323676

sideridisvasileios@gmail.com, sidevasi@ics.forth.gr, www.linkedin.com/in/vasileios-sideridis

EDUCATION

2012 - 2018   **B.Sc. and M.Sc. in Electrical and Computer Engineering (Integrated Master)**
Aristotle University of Thessaloniki (A.U.Th.) - Thessaloniki, Greece
Grade: 7.79/10, ECTS: 328, Courses: 63. Specialization: Electronics and Computer Science

2/2016 - 7/2016   **Exchange program: Erasmus, Department of Electronics and Computer Science**
University of Balearic Islands (UIB) - Majorca, Spain

2009 - 2012   **Secondary Education Diploma**
2nd High school of Sykies-Thessaloniki, Greece
Grade: 19/20

WORK EXPERIENCE

2/2020 - present   **Foundation for Research and Technology - Hellas (FORTH)**
Data Scientist, Institute of Computer Science
Research participation in the neuronsXnets project under the supervision of Professor Papadopouli, funded by Hellenic Foundation for Research & Innovation for the support of postdoctoral researchers 2018-2021, on Dissecting Multi-Neuronal Modules of Computation in the Neocortex. Ranked among the top 5 in the areas of Mathematics and Communication Sciences (€ 237,000, Coordinator Papadopouli). Working areas: Data Analysis, Presentations, Organization and Communication with Project Partners

7/2018 - 5/2019   **Foundation for Research and Technology - Hellas (FORTH)**
Full Time Intern - Junior Engineer
Working areas: Data Analysis, Machine Learning, Design Mathematical Models, Presentations

2015 - 2017   **University Team ATIA (Aristotle Team of Intelligent Aircraft)**
Founding Member - Thessaloniki, Greece
Working areas: Design & Test flight control, Development of an autonomous drone system

2017   **Tutor, High School Students**
Tutor for high school students - Thessaloniki, Greece
Student preparation, extra practice & exercise. Teaching areas: Mathematics, Physics

LANGUAGES

Greek   **Native speaker**
English   **Fluent**, "Certificate of Competency in English" - University of Michigan
German   "Zertifikat B1 Deutsch" - Goethe-Institut

PUBLICATIONS

Under Peer-Review Conferences
C1   V. Sideridis, M. Papadopouli, Analysis of the Intra-layer Functional Connectivity in the Primary Visual Cortex (V1), Under preparation

C2   V. Sideridis, A. Zacharakis, G. Tzagkarakis and M. Papadopouli, Gesturekeeper: Gesture identification for controlling devices in IoT environments. 27th European Signal Processing Conference, EUSIPCO 2019

Abstracts under Peer-Review Workshops
A1   M. Kampourakis, E. S. Miguel Perez, G. Tzagkarakis, G. Palagina, V. Sideridis, J. Meyer, S. M. Smirnakis, M. Papadopouli, Using RQA analysis to identify and profile absence seizures in stargazer mice, AREADNE 2020

DISSEMINATION AND COMMUNITY SERVICES (SELECTED)

2019, 2020   **Workshop - High School Visit to the University of Crete**
Presentation of posters and demos to high school students visiting the Computer Science Department

2018, 2020   **Researchers' Night - Foundation for Research and Technology - Hellas (FORTH)**
Presenting posters and demos

DISTINCTIONS AND PARTICIPATIONS (SELECTED)

2018   **Competition "Smart Ageing Prize"**
AAL Association - Brussels, Belgium
About: Products and services that use innovative digital technologies to support older people to participate fully in social life

2017   **Workshop "Ubiquitous healthcare & e-coaching technologies for the elderly"**
Aristotle University of Thessaloniki - Thessaloniki, Greece
Potential Applications: Elderly homes, Day care and medical settings, Living Labs, Companies developing silver technologies

2017   **EBEC Engineering Contest - Organizer: BEST BRNO**
Eighth place - Finals - European round
Competition 1st Theme: From Packaging to distribution - Autodesk
Competition 2nd Theme: Removing and Defusing Landmines

2017   **EBEC Engineering Contest - Organizer: BEST Athens**
First place - Nationwide round (Greece), Qualification - European round (Brno-Czech Republic)
Organizer: BEST Athens
Competition 1st Theme: Design & Build a hydroelectric generator
Competition 2nd Theme: Design & Build a handheld vacuum cleaner

2016   **EBEC Engineering Contest - Organizer: BEST Thessaloniki**
First place - Local round (Thessaloniki), Qualification - Nationwide round (Athens)
Competition Theme: Design & Build a mechanism capable of separating objects to different chambers

2016   **Machine Learning Workshop**
Neural Networks, SVMs, Classification & Regression Trees - Thessaloniki, Greece

2014   **EBEC Engineering Contest - Organizer: BEST Thessaloniki**
First place/local round (Thessaloniki), Qualification for the Nationwide round (Patras)
Competition - Theme: Design & Build a Rubber Powered Gun

2013   **2nd International Conference "Free Market Road Show"**
The future of the Economy - Thessaloniki, Greece

CERTIFICATIONS

2017   **Online Marketing Fundamentals in Tourism**
Authority: Google, 89 lessons, 730 minutes
About: SEO & SEM marketing, Web Analytics tools, e-commerce, e-shop, Social Media marketing, International marketing, Retargeting, Display & Search ads, Keyword Research & Strategy

VOLUNTEER WORK (SELECTED)

2017   **HSE Highschool Engineering**
Three Day Workshop - Thessaloniki, Greece
Coordinator: Teaching future students about engineering
Project: Designing/Creating an airport & a plane fuselage model, a battery & a working sonar

PROFESSIONAL QUALIFICATION

PROGRAMMING LANGUAGES:	**R, C, C++, Python, JavaScript, HTML, CSS, Assembly, LaTeX**
SOFTWARE:	**Microsoft Office, RStudio, MATLAB, Arduino IDE, Tableau**
DESIGN:	**CorelDraw, Autodesk Fusion 360, Autodesk Inventor, Autodesk AutoCAD, Autodesk Eagle**
OTHER EXPERTISE:	**Hardware Prototyping, 3D CAD, PCB Design and Soldering**
VARIOUS SKILLS:	**Driving License, Music: Greek Bouzouki**