

Vyron Vasileiadis

Software Engineer & Trainer

Personal Info

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Skills

Web Development

Game Development

Machine & Deep Learning

Internet of Things

Remote Sensing

Microsoft Azure

Training & Coaching

Problem Solving

Software

C#

ASP.NET

Entity Framework

HTML

Software engineer specialized in web technologies and Microsoft Azure with a keen interest and variable experience in machine & deep learning, IoT, smart cities, ocean remote sensing and quantum computing.

Microsoft Certified Trainer adept at planning and implementing onsite and remote training programs with 1000+ teaching hours and 400+ students. Authoritative and clear communicator with a charismatic style and insightful approach.

Based in Athens, Greece. Open to remote positions or attractive relocation packages.

Work History

2019-01 -

Current

Microsoft Certified Trainer

Freelancer, Worldwide

Scheduled and taught various in-class and online Microsoft courses either independently or in cooperation with Microsoft Partners. Currently available courses:

- Microsoft Azure Fundamentals
- Designing and Implementing an Azure AI Solution
- Designing and Implementing a Data Science Solution on Azure
- Programming in HTML5 with JavaScript and CSS3
- Programming in C#
- Developing ASP.NET MVC Web Applications

2016-10 -

2020-01

ICT Trainer

PeopleCert, Athens, Greece

- Trainer at Alliance for Digital Employability Coding Bootcamp, a 14-week intensive training course, where previously unemployed candidates with no ICT background are re-skilled and certified by PeopleCert as full-stack developers
- Trained over 1000 hours and more than 400 students Python, C#, ASP.NET, SQL, HTML, CSS, JavaScript, Angular, React, as well as generic software skills such as algorithms, design patterns, OOP, functional programming, testing, scrum
- Mentored and coached students about their projects in an simulated agile environment

CSS

JavaScript

React

Angular

Aurelia

Python

Azure DevOps

- Collaborated with leadership to assist in lesson plans, instructional materials and written practice tests

2014-09 -
2017-04

Co-Founder & Lead Developer

Open.tech, Athens, Greece

- Co-Founder of open.tech, a collaborative creative agency in Greece specialized in innovative technologies and the web
- Lead Developer on a plethora of projects for a variety of clients including luxury villas, apartments and hotels, top Greek fashion designers, theatrical groups and the Greek government
- Worked closely with clients to establish problem specifications and system designs
- Managed a team of 5 developers and designers

2013-10 -
2014-06

Web & Game Developer

Pegneon, Athens, Greece

- Implemented company's website, API and integrated solutions into business operations
- Designed and developed company's main product, an educational game about safety and hygiene in co-working spaces
- As the sole developer of the company, i had elevated architecture responsibilities

2012-05 -
2012-10

Web Developer

IT Development Spain, Granada, Spain

- Researched new technologies, software packages and hardware products for use in website projects
- Used various technologies to make code repairs and optimize corporate website

Education

2015-10 -
2017-10

Master of Science: Space Science, Technologies & Applications

University of Peloponnese & National Observatory of Athens - Greece

- The first and only Higher Education Programme in Greece in the domain of Space
- Thesis: "Advancements in monitoring the

2007-10 -
2013-03

Bachelor of Science: Computer Science & Technology

University of Peloponnese - Greece

- Thesis: "CoveX: Quantum Circuit Simulator"
- Elected as Student's Representative for 4 consecutive years

Additional Training

- Copernicus Marine Service for the Aquaculture Sector, Athens, Greece, 24 - 25 September 2019
- ESA Advanced Ocean Remote Sensing Training Course at Porto, Portugal, 11 - 17 September 2017
- Third International Ocean Colour Science Meeting at Lisbon, Portugal, 15-18 May 2017
- Quantum Complex Systems Summer School at University of Vienna, Austria, 22 - 26 September 2014
- Workshop on Quantum Simulations at Universidad del Pais Vasco UPV/EHU, Bilbao, Spain, 22-25 October 2012

Certifications

2019-01	Microsoft Certified Trainer
2019-01	Microsoft Certified Solutions Associate: Web Development
2019-06	Microsoft Certified: Azure AI Engineer Associate
2019-06	NVIDIA Deep Learning for Computer Vision
2019-10	Microsoft Certified: Azure Data Scientist Associate

Speaking Sessions

Doing AI the Cloud Way: Enterprise Azure Machine Learning

Microsoft Ignite the Tour, Amsterdam, Netherlands, 11 - 12 March 2020, Breakout Session (45 minutes)

Intelliwaste: An awarded integrated smart waste management solution powered by Azure

Microsoft Ignite the Tour, Amsterdam, Netherlands, 11 - 12 March 2020, Theater Session (15 minutes)

Volunteering

- Technical Trainer at Social Hackers Academy, an NGO programming school for refugees & unemployed EU Nationals
- Mentor at a plethora of innovation hackathons co-organized by Crowdpolicy and Greek public sector

Awarded Projects

Intelliwaste

Awarded 3rd out of 167 contestants @ City Challenge Crowdhackathon #smartcity 2

Waste management and recycling is a fundamental part of a sustainable economy. For more efficient and safe recycling, it is necessary to use intelligent systems instead of employing humans as workers in the dump-yards. Intelliwaste solution utilizes IoT Edge bins that accomplice waste classification at source using Deep Learning algorithms and real-time waste management using ultrasonic and bridge sensors. The solution is backed by sophisticated software (analytics, route planning, and management), providing cities with data-driven decision making and optimization of waste collection routes, frequencies, and vehicle loads. The result is a dramatic increase in recycling rate and overall waste collection cost and carbon emission reduction.