

Konstantinos Vasilas

Computer Engineer



INFO



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Attica, Greece

ABOUT ME

I am an energetic person with strong ambitions. I am excellent in working in groups with great adaptability skills. I am able to handle multiple tasks and manage the priorities on daily basis. Learning new things and overcoming obstacles by finding clever and optimized solutions are my requirements. I've started my career as Hardware Engineer and continued by working as an embedded application Developer.

SKILLS

- Project Management
- Data Science
- Data Analytics

Software

- C, C++, C#
- Python, Javascript, NodeJS – Electron, SQL
- ASP .NET
- WEB - HTML, CSS, JS

Hardware

- FPGA
- Verilog, VHDL
- Xilinx Vivado, Modelsim
- Synopsys VCS, DC

Technical

- Linux environment
- Git, SVN
- LaTeX

LANGUAGES

- Greek (Native)
- English (Advance)

EDUCATION

University of Patras

Integrated Master

Computer Engineering & Informatics Department (CEID) – GPA: 7.33/10.0

- Thesis: **Design High-Speed Recursive 2ⁿ-1 Binary Adders** (Research)
Supervisor: Professor H. T. Vergos

2012 – 2018



University of Piraeus

MSc in Information Systems and Services

- Area of study: **Big Data and Analytics**

2021 – Present



WORK EXPERIENCE

Mellon Technologies

Software Engineer

- EFTPOS Application Developer Engineer
- Android EFTPOS application development
- Embedded C/C++ application development

09/2019 – Present



Think-Silicon

Hardware Design Engineer

- Integration of graphics processing unit and display controller in Synopsys ARC development platform using Xilinx FPGA
- Hardware Simulation Testbench integration for Think-Silicon's display controller with ARM cpu
- Bridge-Protocol Wishbone-to-AHB Development and testing (in Verilog with vcs)
- Project Setup and automation of building process providing continuous integration (Bash, Perl scripts)

04/2017 – 08/2017



National Meteorological Service of Greece (EMY)

Military Service

Trained for Meteorology Observation (Certified)

- Hardware Implementation and setup of Telemetry Sensor Systems
- JavaScript Desktop Applications (Electron + NodeJS)
- Database Developer (SQL)

09/2018 – 09/2019

CERTIFICATIONS

Athens Tech College

.NET Academy Conducted by **Code.Hub** Powered by **Regeneration** (100 hours of training)
OO Programming, C#, Relational Databases, .NET 5, Azure, Software Engineering, Agile Methodologies, Web Technologies και Enterprise Apps Development

06 / 2021

National Meteorological Service of Greece (EMY)

Meteorology Observation Ptychion (140 hours)

Collect, record, and map weather conditions. Measurement techniques and Tools. METAR, SYNOP protocols. Airport Weather Stations (AWOS-ASOS)

09 / 2018

VOLUNTEER

University of Patras

Teaching Assistant

For **Digital Design**, **Computer Architecture** and **Electronics** lab-courses of University of Patras, Department of Computer Engineering & Informatics Department (CEID) under the supervision of Professor Aleksiou, Nikolos and Oikonomoy respectively.

2012 – 2018