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
- Xilink Vivado, Modelsim
- Synopsys VCS, DC

Technical
- Linux environment
- Git, SVN
- LaTeX

LANGUAGES

- Greek (Native)
- English (Advance)

EDUCATION

University of Patras   **2012 – 2018**
Integrated Master
Computer Engineering & Informatics Department (CEID) – GPA: 7.33/10.0
- Thesis: **Design High-Speed Recursive 2^n-1 Binary Adders** (Research)
  Supervisor: Professor H. T. Vergos

University of Piraeus   **2021 – Present**
MSc in Information Systems and Services
- Area of study: **Big Data and Analytics**

WORK EXPERIENCE

Mellon Technologies   **09/2019 – Present**
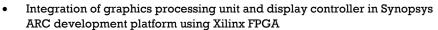**Software Engineer**
- EFTPOS Application Developer Engineer
- Embedded C/C++ application development

Think-Silicon   **04/2017 – 08/2017**
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)

National Meteorological Service of Greece (EMY)   **09/2018 – 09/2019**
Military Service
Trained for Meteorology Observation (Certified)
- Hardware Implementation and setup of Telemetry Sensor Systems
- JavaScript Desktop Applications (Electron + Node.js)

CERTIFICATIONS

Athens Tech College   **06 / 2021**
.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

National Meteorological Service of Greece (EMY)   **09 / 2018**
Meteorology Observation Ptychion (140 hours)
Collect, record, and map weather conditions. Measurement techniques and Tools. METAR, SYNOP protocols. Airport Weather Stations (AWOS-ASOS)

VOLUNTEER

University of Patras   **2012 – 2018**
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.