

Curriculum Vitae

Name: Evangelos Mitsianis

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Personal Information: Date of Birth: Oct 13th 1989/ Greek Nationality and Citizenship

Education:

Sept 2015 – Present:
Master in Signal Processing for Telecommunications and Multimedia
Department of informatics and telecommunications
National and Kapodistrian University of Athens

Sept 2007 - 2015:
Engineer's degree, Electrical, Electronics and Communications
Engineering/Diploma (5years – M.Sc. equivalent),
Computer and Communication Engineer, University of Thessaly, Greece

Sept 2004-2007:
High School, Lycee Kyparissias, Messinia, Greece

Areas of interest:

- VLSI Design
- Electronic Design Automation
- Signal Processing
- Algorithms
- Computational methods
- Computer Vision
- Machine Learning
- Cognitive Computing
- Data Analysis

Technical Skills:

Programming Languages & Programming Models:
C/C++, Java, Python, MIPS Assembly, OpenGL, OpenCV

Hardware Description Languages:
VHDL, Verilog

Mathematic Software:
Matlab

Hardware CAD Tools:
ModelSim, Leonardo Spectrum, PSpice, Agilent ADS, ISE Simulator-Xilinx

Operating Systems:
GNU Linux (Fedora, Ubuntu, SUSE), Windows (XP, 7)

Other know-how:
Intel VTune Performance Analyzer, Eclipse, NetBeans, Microsoft Visual Studio, LaTeX, AutoCAD

Short Projects (B.Sc.):

Implementation of an PGA (Programmable Gain Amplifier) with Agilent's ADS. We deployed a PGA based on CMOS Low-Distortion High-Frequency Variable-Gain Amplifier (1996), J. J. F. Rijns using TSMC 0.18 μ m CMOS.

Pin based Statistical Static Timing Analysis in C.
We deploy an EDA tool based on characteristics and properties, which given in TAU's 2013 competition.

Implementation of a Spice like simulator in C.
Solving linear systems in DC analysis using direct (LU/ Cholesky) and iterative (Bi/Conjugate Gradient) methods, Transient analysis using Backward Euler and Trapezoidal methods. Used c-sparse package to process sparse matrices and tested on power grid benchmarks provided by IBM.

"Image Feature extraction for searching and archiving". Implementation of SIFT algorithm from scratch (C language) for the feature extraction from the images, afterwards, the matching of the features performed with a tree-base Fast NN algorithm.

Languages:

Greek: Fluent (native speaker)
English: Working Proficiency Plus

Hobbies:

Playing the bouzouki
Playing basketball, football