

Rolandos - Alexandros Potamias

Contact

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Athens, Greece

Programming

Python(expert)
C(expert)
MatLab(expert)
L^AT_EX(expert)
R(experienced)
HTML(experienced)
Unix,Bash(experienced)
L^AT_EX(experienced)
Assembly(experienced)
[x86 , AVR, MIPS, LC3]

Skills and Hobbies

Organization Skills
Communication Skills
Basketball
Ping Pong
Guitar
Piano
Traveling

Education

- 2007–2013 **High School Degree** Arsakeio Patras, Greece
Graduate Grade [19.5 /20]
- 2014– **Electrical and Computer Engineer** National Technical University of Athens, Greece
Flows of Specialization: ELECTRONICS AND SYSTEMS
- Signals, Control and Robotics (Main)
 - Electronics, Circuits, Materials(Main)
 - Computer Systems
 - Biomedical Engineering

Background

Intelligent Systems

Relevant Courses:

- Pattern Recognition
- Neural Networks and Machine Learning
- Computer Vision
- Robotics (Analysis, Control and Intelligent Robotic Systems)
- Speech Processing (Automatic Speech Recognition Systems)
- Natural Language Processing

Projects:

- Greeklsh-Greek Translator, Course Project
- Hand Gesture Recognition , Course Project
- Kinematic Control of Redundant Robotic Manipulator, Course Project
- Music Emotion Recognition , Course Project
- Parkinson Disease Classification based on EEG , Course Project

Electronic Systems

Relevant Courses:

- Electronics (I , II , III)
- Digital VLSI Design
- Analog Systems Design
- Microelectronics

Projects:

- Construction of Instrumentation Amplifier, Course Project
- Biomedical ECG Sensor, Course Project

Biomedical Engineering

Relevant Courses:

- Biomedical Imaging and Digital Image Processing
- Biological Signal Analysis and Processing
- Measurements and Controls

Project:

- EMG Signal : Analysis , Processing, Classification,

Computer Systems

Relevant Courses:

- Computer Architecture
- Operating Systems
- Microprocessors

Project:

- Mini Shell Scheduler on Unix, Course Project

Awards

- Research and Development award on F1 in Schools National Competition, 2012 , Athens, Greece.

Languages

- Greek, (Mother Tongue)
- English, Certificate of Proficiency (Level C2), University of Michigan
- French, DALF - Diplôme approfondi de langue française (Level B1)