

Joao Diogo Pinto

EDUCATION

Sept2012 – Sep 2014 M.Sc. in Electrical and Computer Engineering, Computation (Major), Control and Decision Systems (Minor) at IST (Technical University of Lisbon), current average of 70%

Sept 2009 – Jun 2012 B.Sc. in Electrical and Computer Engineering at IST(Average Grade: 70%). **Relevant Coursework:** Programming (90%), Algorithms and Data Structures (80%), Operating Systems (80%), Numeric Mathematics(80%)

RELEVANT ACADEMIC PROJECTS

- Design and implementation of an algorithm able to detect and read car License Plate's numbers in MATLAB. (Grade:80%)
- Design and implementation of an Android application (JAVA) called "Hermes – Secure SMS" that enables the use of secure ciphered SMS (Grade: 90%)
- Development of a CPU of RISC CPU architecture type, for Computer Architecture Course (Grade:95%)
- Development of a Puzzle Solving Application for Linux (C-gcc) (Grade: 85%).
- Implementation of a Multi-Threaded TCP-IP Client-Server application (C-language) in Linux environment (gcc) (Grade: 85%)
- Design and implementation of a Database for a fictitious Hospital Emergency Service using MS SQL SERVER 2008. (Grade:90%)

OTHER PROJECTS

- Design and Implementation of a Scheduling algorithm for the Production line of Agro Company SAPEC located in Setúbal.

PROGRAMMING LANGUAGES

- C, C++, JAVA, SQL (DDL,DML), also fluent in the use of MATLAB, MS SQL SERVER and Wolfram Mathematica programs

LANGUAGE SKILLS

- Portuguese(Native), English (IELTS 7.5)