

Joaquín Antón

Software Engineer

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Key Skills

Programming	C++ (C++11 STL Boost) C Java Python Bash Matlab
Concepts	OOP Algorithms and Data Structures Computer Vision Machine Learning Design Patterns Multithreading TDD
Misc.	GNU/Linux CMake Git SVN P4 Conan Docker Bamboo GTest/GMock Protobuf XML GDB Emacs

Professional Experience

- 11/2016– Present **FARA**, *Software Engineer*, Warsaw, Poland.
 - C++ software development for public transport ticketing application running on vehicle onboard computers.
 - Integration with new hardware and external services, implementation of Calypso contactless card standard.
- 8/2013– **Samsung Electronics R&D**, *Software Engineer*, Warsaw, Poland.
- 10/2016
 - C++ software development running on embedded multithreaded environments for various Digital TV platforms and regions.
 - Involved in the early design of Tizen TV middleware layer and implementation of the DVB CI+ 1.4 standard.
- 9/2012– **Amadeus (via SII)**, *Software Engineer*, Nice, France.
- 6/2013
 - Java software development for e-commerce products related to travel industry and user profile data management.
 - Full SW development lifecycle: technical requirements, design, implementation, unit testing, maintenance and documentation.
- 5/2010– **ITI - Instituto Tecnológico de Informática**, *Research Intern*, Valencia, Spain.
- 7/2011
 - Research on Computer Vision and Machine Learning methods applied to medical diagnosis.
 - Developed an application for the medical community (<http://dmscan.iti.upv.es/en>) and co-authored several scientific papers about the proposed methods.

Other projects

- 9/2011– **NPO TUT Robotics Club**, *Computer Vision*, Tallinn, Estonia.
- 6/2012 C++ SW (using OpenCV library) for an autonomous soccer robot for the Robotex competition.

Education

- 2011–2012 **Exchange Student EE/CS**, *KTH Royal Institute of Technology*, Stockholm, Sweden.
Average grade: A - Letter Grade: A (best) to F (worst)
- 2009–2012 **M.Sc. in Telecommunication Engineering**, *Polytechnic University of Valencia*, Valencia, Spain.
Average grade: 8.6 / 10.0
- 2005–2009 **B.Sc. in Telecommunication Engineering**, *University of Alicante*, Alicante, Spain.
Average grade: 8.23 / 10.0

Languages

English Advanced

Spanish Native

Polish Elementary