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PROFILE

Telecommunication engineering student at UPC. Born 09-12-1992 Spanish.

EDUCATION

- 2015** *École Polytechnique Fédérale de Lausanne, Suisse, Exchange Student*
- 2010 – 2014** *Polytechnic University of Catalonia – Telecommunication Engineering Degree, field of Telematics, Barcelona*

PROFESSIONAL EXPERIENCE

- Oct -Dec 2014** *Andiamo Startup, Barcelona - Android Developer and CTO*

PERSONAL SKILLS

Languages: **Spanish** [native], **Catalan** [native], **English** [Fluent - C1], **French** [medium B2]

Software tools: **Matlab** [medium], **Unix** [Commands & Linux Operative System architecture – upper-intermediate], **Microsoft Excel** [deep functions knowledge & MACRO's], **Cooja** [medium], **ROS framework** [medium]

Programming knowledge background:

Low level: **C** [upper intermediate], **Assembler IA32** [Fair], **Visual Basic** [medium], **Go-Lang** [fair]

Object Oriented: **Java** [strong], **Android** [strong], **C++** [strong]

Web Services and Markup: **Rest** [medium], **SQL** [medium], **Soap** [medium]; **HTML**[medium], **XML** [medium]

Scripting languages: **Python** [medium], **Perl** [fair], **Bash** [medium], **JavaScript** [medium], **PHP** [fair]

PROJECTS AND WORKSHOPS

- 2014** *FlyFinder*, Barcelona – Java, REST & SOAP application in PAM subject
- Domotic Sensor Network*, Barcelona – Z1 microchip network deployment in XSF subject
- Third Eye*, Barcelona – Android Application Project - Real time street video Recognition Software
- 2013 – 2014** *Mobile GSM & LTE network coverage*, Sant Cugat del Vallés – Research work in SSCM subject
- CubeCAT*, Barcelona – CubeSat Satellite project – COMs department
- Android Beyond Stratosphere* – Google's Grant Project – COMs department
- 2012** *Social Network Application*, Barcelona – Java Application in MOO subject
- 2010 – 2011** *SeaPerch Underwater Robot*, Barcelona – Project in Entic subject - MIT grant project <http://seaperch.mit.edu/>
- 2009 – 2010** *Sumo Robot*, Barcelona – Baccalaureate Final Research Project - Award 2nd place, AESSBOT'10 challenge – UPC

REFERENCES

Fernández Muñoz, Marcel Telematics Eng. Prof.,UPC - ISG [Information Security Group] Tel +34 93 401 6023 marcel@entel.upc.edu

Alarcon Clot, Eduard Tenured Professor and researcher at PERC, EPIC - UPC, Tel + 34 93 401 5678 eduard.alarcon@upc.edu