



Alejandro Almira Mollá

ROBOTICS SOFTWARE ENGINEER | DEVOPS

Elche (Spain)

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"A smooth sea never made a skilled sailor."

Skills

Programming	Python, C/C++, JAVA, Android, .NET, LaTeX, OpenScad, Emacs Lisp, Assembler, SQL, Gtk+
Robotics	ROS (Robotic Operative System), OpenCV, PCL, Arduino, Raspberry Pi
Web	Django with Python, Flask with Python, Node.JS, HTML5, CSS, Javascript
Other	Machine Learning, Artificial Intelligence, 3D Printing, Scrum, Computer Security, Git
Operative Systems	Windows Family, GNU/Linux Family, BSD Family
Languages	English (B1 Cambridge), Spanish

Professional Experience

Aisoy Robotics

Elche (Alicante)

ROBOTICS SOFTWARE ENGINEER & DEVOPS

Jan. 2017 - Ongoing

- Now, I'm programming the robot core, also, some features, like touch buttons for give information to the user as IP address, to which WiFi is connected the robot

Aisoy Robotics

Elche (Alicante)

ROBOTICS SOFTWARE ENGINEER (INTERN)

May. 2016 - Aug. 2016

- In this company, I made little games for the robot, such as TicTacToe, 20Q, Bingo, etc... and educational games for ages between eight and sixteen. All the games are coded in Python, and some of them are recoded in Scratch. Also, I created a library (in Python too), that the people can use to create their own games for the robot. In the other hand, I made an API to communicate the robot with our server.

Freelance

Elche (Alicante)

SOFTWARE DEVELOPER AND TECHNICIAN OF COMPUTERS

Feb. 2016 - Ongoing

- He realizado un programa de gestión de facturas, clientes, niveles de depósitos, etc... para ayudar a hacer más rápido el trabajo de una gasolinera.
- Para un club de waterpolo, he desarrollado software de gestión de jugadores, scripts para automatizar tareas rutinarias que realizaban, así como asesoramiento y reparación del equipo informático de dicho club.
- En una empresa de calzado he realizado programas para gestionar los productos. He organizado e implementado una red local segura para que puedan trabajar y tengan los datos actualizados a tiempo real.
- He asesorado para obtener nuevos equipos informáticos.

Swiss Mobility Solutions (Gematlo)

San Juan de Alicante

QA ENGINEER (INTERN)

Jun. 2015 - Oct. 2015

- In this company I was a member of the Quality Assurance team, so I perform tasks that are vital to give the nod to the product so that it can deliver to the customer. These tasks are to test that everything works correctly according to customer specification. I program small 'scripts' in Python to help me and help workmates to perform the tasks of testing, also Android apps.

JPA Informática S.L.

Elche (Alicante)

INTERN

Jun. 2014 - Sep. 2014

Education

Master's Degree in Automatics and Robotics

San Vicent del Raspeig (Alicante)

UA (UNIVERSITY OF ALICANTE)

Oct. 2016 - Exp. Jun. 2018

- Thesis:** Diver monitoring by submarine robot

Bachelor's Degree in Computer Science

San Vicent del Raspeig (Alicante)

UA (UNIVERSITY OF ALICANTE)

Sep. 2010 - Sep. 2016

- Thesis:** Automatic system for fitting prostheses in patients