ALEJANDRO SEDANO

Personal Data

Date of Birth:
23 June 1987

Address:
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Languages

Spanish
Native

English (C2)
Full professional proficiency

Polish (B1)
Working proficiency

German (A2)
Limited working proficiency

Skills

Programming

`HTML5` `CSS` `JavaScript` `Python`
`XML` `WebGL` `Bootstrap` `Git` `C`
`Visual Basic` `LaTeX`

Software

`MS Office` `MS Project` `cPanel` `CAM`
`Chrome Dev Tools` `FTP` `VS Code`
`GIMP` `Inkscape` `Linux` `SolidWorks`

Other

`Presentation Skills` `3D Printing` `Robotics`
`Product Development` `ISO 13485` `FDA`
`Medical Devices` `Project Management`

I'm a Robotics Engineer with experience in both technical and project management fields. I have worked for recognized Applied Robotics Research Institutes and lead Projects in the food and medical sectors. I have global awareness by having lived and worked in 4 different countries in Europe and America. I'm passionate about technology and a Front End developer in my free time.

EXPERIENCE

07/2014-Present	**Mars Incorporated** *Project Engineer* Working on technically-complex projects that involve breakthrough technology and leadership skills.
03/2013-12/2013	**Fraunhofer-Gesellschaft** *Robotics Research Assistant* Mechanical design, modeling, construction, and testing of robotic systems for modular musculoskeletal robots.
09/2009-08/2011	**Tecnología y Diseño Industrial** *Validation and Development Engineer* Design, testing, validation and documentation of orthopedic medical devices under strict medical regulations such as ISO 13485 and FDA.

EDUCATION

10/2012-09/2013	**Warsaw University of Technology, Poland** *Faculty of Power and Aeronautical Engineering* *Master in Automation and Robotics* Achievement: Summa Cum Laude
09/2011-08/2012	**Ecole Centrale de Nantes, France** *Master in Automation, Robotics and Applied Informatics*
08/2005-07/2010	**Universidad Panamericana, Mexico** *Bachelor in Mechatronics Engineering* Specialization in Systems Optimization Achievement: Top student in class

PROJECTS

Project	**ViveroelJardin.mx**		**Myorobotics**
Description	Own eCommerce start-up		Lightweight, 3D printed robotics
Function	*Web Development*		*Robotic Design and Construction*
Project	**Robot Programming Editor**		**Robotic Hand Prosthesis**
Description	VAL parser and text editor		Low cost robotic arm prototype
Function	*Design and Implementation of UX*		*Controls and Programming*

HOBBIES

Travelling, Computers, Videogames, Internet of Things.