

# ALEJANDRO SEDANO



## Personal Data

Date of Birth:  
23 June 1987

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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 3 JavaScript Python  
FEA Bootstrap CAM C  
Visual Basic LaTeX

### Software

MS Office Project Linux CAD  
Chrome Dev Tools FTP VS Code  
GIMP Inkscape SolidWorks

### Engineering

GD&T 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 four different countries in Europe and America. I'm passionate about technology and a web developer in my free time.

## EXPERIENCE

- 07/2014- Present **Project Engineer / European Engineering Leadership Programme**  
*Mars Incorporated, Poland*  
Working on technically-complex projects in the food industry that involve breakthrough technology and leadership skills.
- 03/2013- 12/2013 **Robotics Research Assistant**  
*Fraunhofer-Gesellschaft, Germany*  
Mechanical design, modeling, construction, and testing of robotic systems for modular musculoskeletal robots.
- 09/2009- 08/2011 **Validation and Development Engineer**  
*Tecnologia y Diseño Industrial, Mexico*  
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**  
Master in Automation and Robotics  
Faculty of Power and Aeronautical Engineering  
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	<b>ViveroelJardin.mx</b>	<b>Myrobotics</b>
Description	Own eCommerce start-up	Lightweight, 3D printed robotics
Function	Web Development	Robotic Design and Construction
Project	<b>Robot Programming Editor</b>	<b>Robotic Hand Prosthesis</b>
Description	VAL parser and text editor	Low cost robotic arm prototype
Function	Design and Implementation of UI	Controls and Programming

## HOBBIES

Travelling, Computers, Videogames, Internet of Things.

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2002, item 1182 as amended.