## Alejandro Sedano

[](http://sedano.me)

# 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**

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