

ALEJANDRO SEDANO



Personal Data

Date of Birth:
23 June 1987

Address:
Senatorska 40/99
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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
WebGL Bootstrap Git C
Visual Basic LaTeX

Software

MS Office MS Project cPanel CAM
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 **Mars Incorporated**
Project Engineer / European Engineering Leadership Programme
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 | Myrobotics |
| 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 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.