

ALEJANDRO SEDANO



Personal Data

Date of Birth:
23 June 1987

Address:
00-095 Warsaw, Poland

Mobile:
+48 510 383 877

E-mail:
alejandro@sedano.me

Website:
<http://sedano.me>
<http://linkedin.com/in/sanchezsedano>

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 passionate about web development. I spend my free time developing websites, mainly front-end. As a freelancer I created an e-commerce website and a landing page for a company in the industrial field. I have as well knowledge in HMI used in the manufacturing industry as well as 2 years in project management.

PORTFOLIO

- 12/2014- Present **Vivero el Jardin e-commerce** 
<http://viveroeljardin.mx/>
Web development including the theme, logo, photography, CSS, hosting, analytics, ftp and e-mail configuration. Based on OpenCart platform.
- 05/2016- Present **Mysoft Company Portal** 
<http://mysoft.net.pl>
Web design including logos, configuration of server and installation of RespondCMS. Personalization using CSS3 (Bootstrap) and AngularJS.
- 2011-2012 **VAL Robot Programming Editor**
<https://github.com/sedano/val-parser>
Development of user interface for a VAL robot programming parser in Java. The software is open source and currently used in robotic labs.

CERTIFICATES/TRAININGS

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|---|--|
| Shaping up with Angular.js
In progress, Code School | Responsive Web Design
2016, Udacity |
| Interactive 3D Graphics
2014, Udacity | HTML5 Game Development
2013, Udacity |
| Computer Science and Programming
2012 - MITx | |

WORK 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
Computer assisted mechanical design, 3D printing, simulation, 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 **Politechnika Warszawska / Ecole Centrale de Nantes**
Master in Automation, Robotics and Applied Informatics
Achievement: Summa Cum Laude (5.0)

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.