## Alejandro Sedano

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# 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 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 | [http://mysoft.net.pl/files/mysoft_compressed.png](http://mysoft.net.pl)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**

|  |  |
| --- | --- |
| **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.