

# Roberto Cadena Vega

## Mechatronics Engineer

### Personal Data

Calle Mar Blanco - Col. Popotla - CP 11400  
Del. Miguel Hidalgo - México, Distrito Federal  
Phone 55 5019 3966  
Mobile 55 2715 4000  
Email r.cadena.vega@gmail.com

### Objective

To develop the intellectual and practical knowledge that was acquired during my professional formation into my benefit and my employer's.

### Language Skills

Spanish (Native).  
English (Advanced).

### Additional Skills

#### Programming Languages.

C/C++ (Advanced).  
Python (Advanced).  
Assembly (Intermediate).

#### Mechanical Design Software.

Autodesk AutoCAD (Advanced).  
Autodesk Inventor (Advanced).  
Siemens NX (Advanced).

#### Electric – Electronic Design Software.

National Instruments Multisim12.0 (Intermediate).

#### Simulation Software.

MATLAB R2012b (Advanced).  
Wolfram Mathematica 8(Advanced).

#### General Use Software.

Microsoft Excel 2010 (Advanced).  
Microsoft Word 2010 (Advanced).  
Microsoft PowerPoint 2010 (Advanced).  
Microsoft Access 2010 (Advanced).  
PLC Programming (FESTO, SIEMENS, Allen Bradley).

### Education

#### Mechatronics Engineering.

Universidad Tecnológica de México, Campus  
Cuitláhuac

August 2009 - August 2012.

#### Automated Systems Machinery Technician (Intern).

#### Technological Bachelor Degree (Engineering and Physics – Mathematics area).

Centro de Estudios Científicos y Tecnológicos “Juan  
de Dios Bátiz Paredes” 9 (IPN)  
August 2001 - December 2005.

### Work Experience

#### Centro de Apoyo y Desarrollo Estudiantil UNITEC (SERVICIO SOCIAL).

September 2011 - March 2012.

#### General Assistant.

- Software development for various tasks in the area.
- Academic adviser in Physics, Mathematics, and general knowledge area.

**Achievement:** Results delivery's time reduction in 30% accomplished by the development of data entry software.

#### Construcciones LEMA, S.A. de C.V.

August 2004 - June 2011.

#### Unit Costs Analyst.

- Developing Budgetary proposals through field measurements and costs observed in the market.
- Developing extraordinary unit costs when these are not established by the market.

**Achievement:** Budgetary proposals delivery's time reduction in 10% as well as human error reduction accomplished by the development of data entry software.

### References

References available upon request.