



# Gustavo Martinez

## Mechatronic Engineer



Age: 30, MAR - 1990



Monterrey, Mexico



[REDACTED]



/in/gustavoemartinezj



[REDACTED]

## Skills

General Engineering 100%

CAD 75%

CAE 30%

Mechanical Design 60%

Scripting 55%

Coding 85%

Critical Thinking 95%

Administration 80%

Creative 99%

Team Work 78%

Scientific Method 94%

Innovation 45%

Programming 92%

Research 73%

## Achievements



Graduated



Social Impact



Patent Author

## Tools



## Education

2015 - 2016 **MSc., Computational Engineering Design (AMES)**

Southampton, Hampshire, England

University of Southampton

Awarded with Postgraduate

2008 - 2012 **BEng., Mechatronics with Bio-Devices Specialty**

Monterrey, Nuevo León, México

Universidad Autónoma de Nuevo León

GPA: 90/100

## Experience of +5 years:

Feb 2018 -

Mar 2020 **Data Scientist / Mechatronic Engineer**

Monterrey, Nuevo León, México

MARKTLABS a branch of PlanNet Service

- Innovation and Research to develop quick prototypes of electronics and software for IoT solutions.
- Data Engineer and Analyst using Python, NoSQL and CISCO APIs.
- Amazon Web Services, Lambda, EC2, Elastic BeanStalk, Route 53, S3, Load Balancer.

Feb 2018 -

May 2017 **Electromechanical Engineer**

Apodaca, Nuevo León, México

Schneider Electric Monterrey Development & Innovation Center

- Worked as a contractor in support of 2D and 3D PTC Creo file of structures and sheetmetal to improve Switchboards equipments.

Feb 2015 -

Jul 2014 **Design Engineer**

San Nicolas de los Garza, Nuevo León, México

Takata Monterrey Technical Center

- Seat Belts team. Changes for machines on production line.
- Solidworks, MS-Excel, Bill of Materials, Machine Shop, Team Work, Materials, Surface Treatment, Hardness.

Jul 2014 -

Jan 2014 **Design Engineer**

Apodaca, Nuevo León, México

Güntner de México

- Product Engineering team, changes on standard equipment.
- SolidEdge & SheetMetal, Industrial Refrigeration equipment.

Dec 2013 -

Jan 2013 **Biomedical Engineer**

Monterrey, Nuevo León, México

Hospital Universitario "Dr. José Eleuterio González", UANL

- Development of bio-devices, Gastroenterology chosen project.
- *The title of patent as utility model awarded around 2017 by the IMPI organism.*
- The product represented a saving of 95% from the commercial offer.

Sep 2012 -

Mar 2012 **Apprenticeship**

Apodaca, Nuevo León, México

CIDESI (Centro de Ingeniería y Desarrollo Industrial)

