

# Juan Sebastián Cely Gutiérrez

## Mechatronic Engineer

26 Years Old  
Colombian  
Madrid, Spain  
Tel: +34 667 33 43 14  
Email: juanscelyg@gmail.com



Mechatronic Engineer from Universidad Militar Nueva Granada, Bogotá, Colombia, Graduate with Meritorious Grade Work, with experience on research and development in robotics and automation projects. Plus, I taught classes in math, physics, electronics, robotics and informatics, in free courses and professionals guilds. I am a social person with ease for teaching and learning. I take correct decisions in the complicated situations for choosing to my benefice or pro of the organisation. Actually, I am working at Universidad Politécnica de Madrid, in where work in the building a modular robot underwater.

## STUDIES

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**2017**  
*Madrid - Spain* **Master degree in Automation and Robotics**  
Universidad Politécnica de Madrid

**2015**  
*Bogotá - Colombia* **B.Eng. Mechatronic Engineering**  
Universidad Militar Nueva Granada  
Grade Work with distinction Meritorious

**Languages:**  
**Spanish:** Mother Language  
**English:** Advanced (IELTS - B2)  
**German:** Basic - Intermediate

**Skills:** Team Work, Robotics Design, Robotics Control, engineering software, design and development of software/algorithms, Operating System based on Linux, Programming Languages (C, C++, C#, Python, Java), Matlab, LabView, Solidworks, Inventor.

## WORK EXPERIENCE

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**Mar. 2017 – Actually**  
*Madrid, Spain* **UNIVERSIDAD POLITÉCNICA DE MADRID**  
**Research Group Robots & Intelligent Machines**  
**Research - Education**  
**Research Assistant**

Completed Task: Project: "Internal Schematic for a modular robot undersea."

**Aug. 2015 – Jan. 2016**  
*Bogotá, Colombia* **UNIVERSIDAD MILITAR NUEVA GRANADA**  
**Research Group Davinci**  
**Research - Education**  
**Research Assistant**

Completed Task: Project: 'Estudio de la Locomoción Humana a través de integración sensorica (Fuerza – EMG – Visión Artificial – Interface Cerebro Computador)' – 'Study of Human Integration through sensor integration (Force – EMG – Artificial Vision – Brain Interface Computer)'

## WORK REFERENCES

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**Eng. Oscar Fernando Avilés Sanchez Ph.D.**

Universidad Militar Nueva Granada, Bogotá, Colombia.

Director of Research Group Davinci

Tel: +57650000 ext. 1297 E-mail: [oscar.aviles@unimilitar.edu.co](mailto:oscar.aviles@unimilitar.edu.co)

**Eng. Mauricio Felipe Mauledoux Monroy Ph.D.**

Universidad Militar Nueva Granada, Bogotá, Colombia.

Mechatronics Engineering Program Director

Associate Researcher

Tel: +57650000 ext. 1297 E-mail: [mauricio.mauledoux@unimilitar.edu.co](mailto:mauricio.mauledoux@unimilitar.edu.co)

**Eng. Roque Jacinto Saltaren Pazmiño Ph.D.**

Universidad Politécnica de Madrid, Madrid, España.

Professor of Universidad Politécnica de Madrid

Researcher of CAR (UPM-CSIC)

E-mail : [rsaltaren@etsii.upm.es](mailto:rsaltaren@etsii.upm.es)

## ADDITIONAL COURSES AND INTEREST

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Coursework in Free Software for the Enterprise

Duration: 180 hours

Distrital University Francisco Jose de Caldas

Bogotá - 2014

**Sports and Hobbies:** Basketball, Rugby, Ride Bike