





# JUAN ESTEBAN VEGA VILLAMIL


## MECHATRONICS ENGINEER

### CONTACT

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 Calle 97 # 71a-47,  
pontevedra

### REFERENCES

 **Maritza Martinez**  
Economist  
(316) 5315600

 **John Villamil**  
Electronic Engineer  
(317) 4273138

 **Uldarico Villamil**  
Mechanical Engineer  
(311) 8347782

### LANGUAGES

Spanish

English - B2

### ABOUT ME

I am a Mechatronics Engineering graduate candidate from the Military University Nueva Granada, with a particular emphasis on automation and robotics, and a deep interest in areas such as control systems design, technological innovation, smart product development, and industrial process improvement.

I excel in mechatronic systems design, analysis, and optimization of automated processes, as well as the development of integrated robotic solutions. Additionally, I possess advanced skills in control systems, electronic circuit design, and mechanical system modeling.

I am a resilient individual with assertive communication skills and a strong ability to work in teams. These skills allow me to achieve joint objectives, overcoming obstacles that arise in complex and collaborative projects..

### EXPERIENCE

**2023 Industrial Maintenance (3 months)**  
Tedmaq S.A.S.

**2024 Mechatronic Design Project: Mobile Robot (2024 – Present)**  
Military University Nueva Granada

### EDUCACIÓN

**2024 Mechatronics Engineering**  
**Present.** Military University Nueva Granada (Currently in 10th semester)

**2019 High School Diploma (2019)**  
Colegio Fundación Colombia

**2024 English Course (2024 – Present)**  
**Present.** Berlitz (B2 level)

**2024 SolidWorks Certification**  
SOLIDWORKS CAD Design Associate

### SKILLS

PLC Programming

Python

CAD Design

MYSQL

MATLAB

Excel

Control systems

Predictive Maintenance

Power BI