

# Andres Baez Rincon

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## PROFESSIONAL PROFILE

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I am a mechatronics engineering student in the final semester at Nueva Granada Military University. I am an engineer passionate about the world of programming and automation. I stand out as a responsible and communicative person who enjoys tackling new challenges.

## EDUCATION

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### Nueva Granada Military University

Bogota, Colombia

*Bachelor of Mechatronics Engineering*

*2019 - Present*

Current GPA: 4.45/5.0

Relevant Coursework: Programming, Data Structures, SQL databases, Embedded Systems, Robotics, Automation, Discrete and continuous control, Sensors, Thermodynamics, Linear Algebra, Calculus, Probability and Statistics, Physics

## SKILLS

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- **Technical Skills:** HTML, CSS, JavaScript, C/C++, Java, Python, Matlab, IEC, Solidworks, Excel, SQL, Ansys, Unity
- **Soft Skills:** Communication, Leadership, Responsibility, Teamwork, Adaptability, Creativity

## CERTIFICATIONS

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### Python For Everybody

Coursera

*University of Michigan*

*July 2023*

Credential ID: R9N2MEJL7QS3

[View Certificate](#)

### Web Design for Everybody: Basics of Web Development & Coding

Coursera

*University of Michigan*

*September 2023*

Credential ID: VFQ92MPWU4AM

[View Certificate](#)

### Mechanical Design (Solidworks Associate)

Dassault Systemes

*SolidWorks*

*August 2023*

Credential ID: C-W8GU6ZJ2P7

[View Certificate](#)

## PROJECTS

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### Electric Traction Vehicle

January 2023 - Present

Creation of an electric traction vehicle, meeting the parameters set by the Eco-Shell Marathon competition, undertaken by a group of 16 students. The project encompassed the design and implementation of the electrical, mechanical, control, and IT (data acquisition and telemetry) components, with the goal of competing in a national event in Medellin, Colombia, where it will face other universities.

## LANGUAGES

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- **English**  
Upper Intermediate - B2
- **French**  
Basic - A2
- **Spanish**  
Native