BRENDA LOZANO SÁNCHEZ

ENGINEER IN MECHATRONICS

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OBJECTIVE

Acquire professional experience, in a national or international company, by overcoming goal oriented challenges that allow me to increase, complement and polish my personal and technical development.

EDUCATION

2016-2021 — Instituto Tecnológico y de Estudios Superiores de Monterrey , Campus Querétaro.
Engineering in Mechatronics
- *Fundación Telmex-Telcel* Scholarship (2016-Present)
- Institutional Scholarship of Academic Excellence (2016-Present)
- GPA: 3.7 (9.3)

EXTRACURRICULAR EXPERIENCE

22018: Student Group Electrum
- *Group that test, design and build an electric car for races.*
- *Council position: Publicity Manager and collaborator on several areas of design and development of the electric car.*

2018-2019: Student Council of Engineering in Mechatronics
- *Group in charge of organizing extracurricular and curricular events for mechatronics students.*
- *2018: Student Body Secretary collaborator.*
- *2019: Student Body of Social Action and Citizenship.*

2019: Secretaría de Turismo (SECTUR)
- *Customer service.*

2020: Research program internship
- *"Mechanics of insects" assisted by PhD Enrique Cuan Urquizo.*
- *Development of a research project focused on determining the mechanical properties of insect wings to determine applications in the engineering area.*

2020: e-Series e-Learning (Universal Robots)
- *e-Series Core Track, e-Series Pro Track, e-Series Application Track*

2017-Present: Peer Mentor Program
- *Role: Peer mentor on the program.*
- *Liderazo y Empowerment Certificate*
- *The program's main objective is to offer an emotional and academic companionship to new students for them to have a better adaptation process to college life.*

SKILLS

Teamwork

Perseverance

Leadership

Goal oriented

Analytic and critic thinking

Responsible

High sense of commitment

Proactive

SOFTWARE

- *Programming languages:*
  - *C*
  - *C++*
- *Labview*
- *Proteus*

- *ORCAD-PSPICE*
- *Matlab*
- *Inventor*
- *SolidWorks*
- *Fusion360*

LANGUAGES

- *Spanish (native speaker)*
- *Advanced English*
  - *C1 (2016)*
    - *First Certificate in English (FCE)*