

JOSE GONZALEZ

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EDUCATION

University of Texas Rio Grande Valley

BS Computer Engineering, *GPA: 3.94*

Fall 2017 - Present

LEADERSHIP AND RESEARCH EXPERIENCE

IEEE Brownsville Software Project Manager

Front-End Lead

Brownsville, TX
October 2020 - Present

- Front-End development of a mobile application for IOS and Android using React Native.
- Organize and lead meetings making sure that the team is en route to a good final product.
- Act as Scrum Master, reinforcing and teaching Agile methodologies to the team.

UTRGV Engineering Student Advisory Council

Vice President

Brownsville, TX
August 2020 - Present

- Guide and advise all engineering student organizations at UTRGV.
- Responsible for providing student organizations with everything they need to make the student experience better.
- Organize and co-host all major engineering events in UTRGV.

UTRGV Engaged Scholar Award

Lead Researcher

Brownsville, TX
April 2020 - August 2020

- Researched, designed, and developed a hands-free EEG based brain-computer interface that can be applied to facilitate those with disabilities

Institute of Electronics and Electrical Engineers

President

Brownsville, TX
June 2019 - Present

- Organized all meetings and events
- Increased membership by over one hundred percent
- Responsible for the overall performance of the organization

Blue Wave Energy UTRGV

Research Assistant

Brownsville, TX
June 2019 - July 2019

- Researched, designed, and developed a three phase generator purposed for harvesting energy from waves.
- Modeled and 3D-printed a device for production of copper coil windings in generator.

UTRGV Green Power USA

Team Captain

Brownsville, TX
October 2017 - April 2018

- Responsible for teams progress and results
- Delegated and assigned duties to teammates

SKILLS

Programming Languages: C++, C, Java, Ruby on Rails, MATLAB, Verilog, Assembly, React Native

Software: PSpice, KiCAD, Cadence, Altium Designer, Quartus Prime

AWARDS

Outstanding Student of the Year

Recognized for academic performance and drive in engineering

University of Texas Rio Grande Valley
February 2020

1st Place, Green Power USA Race

Designed and built an electric car for a racing competition

Green Power USA
April 2018