

Juan Barrientos

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Education:

Christian Brothers University: Memphis TN, 38104 (Expected to graduate: May 2023)

Major: Electrical Engineering, Minor: Mathematics

Skills:

- Great communication skills and great in a social environment.
- Bilingual: speak Spanish and English very fluently, and can also translate when needed.
- Very good at working with computers and I can type very fluently and fast & am familiar with Microsoft programs.
- Very broad job experience: customer service, medium to large scale manufacturing, R&D.
- Familiar with Microsoft Office products, Fusion 360, Matlab, Multisim, Arduino, & Oracle.
- Easy going and get along with people very well, work really hard, & have a very good work ethic. Always looking to improve.

Work Experience:

September 14, 2022 - October 14, 2022

ABB Byhalia Distribution Center

Supervisor: Chasen Stout

Worked in ABB's distribution center located in Mississippi. In this short time period I was tasked to help come up with a preventive maintenance schedule for their conveyor system. Made a service request sheet for employees with bad scanners or radios. Returned to R&D Test Lab after the task was done.

August 16, 2021 - Current date: ABB College Intern.

ABB Electrification Division R&D

Supervisor: Paul Bartholomew

I work in the R&D Test Lab in the Southaven Location. We test various ABB products to UL standards. This includes harnesses, electrical connection, zip ties, etc. More specifically, we run a large amount of current through wires to test the connectors. This can vary from short time to long term current cycles. Use of Microsoft Word and Software like Daisy Lab, AutoCad, & various machine specified software. Heat, cold, humidity, and tensile strength tests are also performed in this facility. Improve testing equipment.

January 26, 2021- August 14, 2021: SWI Research Assistant

Christian Brothers University

Supervisor: Lyu Lin

I work heavily with Microsoft Office, editing an engineering manual for the Civil Engineering department. From editing page layout, fonts, equations, table of contents, and other Microsoft tasks. Used ArcGIS Pro to map out areas of interest, which mainly consisted of manhole access sites. Went out to do field surveying for potential new roads to access manholes along the river. I was later tasked to digitize old paper copy excel files.

May 23, 2016-August 13, 2019: Toyo Tires Cartersville, White GA, 30184 (678) 721-7200

Supervisor: Joe Swafford

Manufacturing Technician, my job duties were to troubleshoot and keep press machines operating at all times. The machines were hydraulic and connected to a PLC system (I have a brief knowledge of PLC systems). Very clean and 5s organized.

Leadership & Activities:

iEEE Member: Engineering Group/Robotics Team

Voices United: Club for advocacy for immigrant rights/Volunteer Work

Leadership Scholarship: Interview incoming freshman that are candidates for Leadership Scholarship