

Edilberto Mendez

Electronics Engineer

Austin, TX

-Email me on Indeed: <http://www.indeed.com/r/Edilberto-Mendez/04db292bd40f0ca0>

Results-oriented Electronics Engineer seeking a position with an aim to design, install, test, troubleshoot, repair and calibrate electronic/electrical equipment. Trained in analog and digital signal processing. Detail-oriented and organized with strong communication and interpersonal abilities.

- Experience in designing low power electronics.
- Sound knowledge of electronic hardware design and its life cycle.
- Immense ability to resolve all electronics engineering problems in the designing process.
- Good skills to maintain electrical safety standards in the facility.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Electronics Engineer

TANKNOLOGY - Austin, TX

May 2019 to Present

Design and Maintain Tank-Testing devices such as, water level reading devices, temperature reading devices, sound reading devices and pressure reading devices. Typical duties include: using a mix of science, maths and chemistry along with engineering techniques, to design, produce, install and maintain Tank-Testing systems.

Field Service Technician

Xerox - Austin, TX

October 2016 to May 2019

Provide outstanding service to our clients. It is imperative that their printers are working correctly, and that our customers receive top-notch service at all times. • Use electro-mechanical skills to repair devices. Xerox provides training by certified instructors, as well as on-line and in-house training. A good foundation of electrical and mechanical knowledge will help you learn copier and printer repair quickly. • Achieve key productivity goals. This including 5 gross calls per day, an efficiency rating (fixing it right the first time) of 50% or higher, response time commitments between 2-4 hours, and keeping parts costs to a minimum.

Laptop Repair Technician

Dell Technologies - Houston, TX

January 2016 to September 2016

- Review customer complaints to determine details of equipment problems.
- Disassemble machines to examine parts, for wear or defects, using hand or power tools and measuring devices.
- Conduct diagnosis of problems according to customer complaints.
- Advise customer call center concerning equipment operation, maintenance, or requests approval for repair.

- Repair laptop or desktop units according to requirements, using hand or power tools and measuring devices.
- Reassemble machines after making repairs or replacing parts.
- Analyze equipment performance assess equipment functioning.

Field Engineer

Newfield Wireless, Inc. - Berkeley, CA

July 2014 to October 2015

- Lead a drive-test team in the field to collect CW (continuous wave) path-loss data.
- Ensure that my test kit is complete, with back-up equipment, so all test gear is working properly, calibrated and accurate. Test kit included: Transmitter box, watt-meters, duplexers, jumper-cables, transmitter antennas, receiving antennas, signal receiver-devices among other items.
- Measure and record RF signal strength to get an accurate representation of the path-loss in a geographic area.
- Manage team logistics such as air travel, van rental, hotels, etc.
- Work with client (cellular carriers like Verizon Wireless, AT&T; Mobility, T-Mobile, Sprint, etc.) RF engineers, technicians and real estate managers to obtain timely access to cell sites and to trouble-shoot issues quickly.

Sales Associate

Dolex Dollar Express - Houston, TX

December 2006 to July 2014

- Receive wire and fund transfers for processing and performs daily callback and account reconciliation activities as well as monitor the status of wire and fund transfers
- Assist wire transfer manager as directed
- Collect personal information from customers

Electronics Laboratory Technician

TSU - Houston, TX

January 2012 to May 2014

- Test electronics units, using standard test equipment, and analyze results to evaluate performance and determine need for adjustment of lab-equipment.
- Perform preventative maintenance or calibration of equipment or systems.
- Assemble, test, or maintain circuitry or electronic components, according to instructions, technical manuals, or knowledge of electronics, using hand or power tools.
- Read blueprints, wiring diagrams, schematic drawings, or engineering instructions for assembling electronics units, applying knowledge of electronic theory and components.

Education

Bachelor of Science in Electronics Engineering

Texas Southern University - Houston, TX

May 2014

Associate of Science in Science & Engineering

Lone Star College - Houston, TX

December 2010

Skills

- SCHEMATIC (2 years)
- AUTOCAD (Less than 1 year)
- BLUEPRINT (Less than 1 year)
- C++ (Less than 1 year)
- CIRCUIT DESIGN (Less than 1 year)
- Field Service

Additional Information

SKILLS

Native Spanish-Proficient in English

Knowledgeable in hardware electronic components: resistors, capacitors, inductors, transistors and integrated circuit chips

Knowledgeable in electronic measurement equipment: digital multi-meter, oscilloscope, function generator among others

Test, troubleshoot and diagnostics

Blueprint and schematic analysis

OS: Windows & MAC Proficient in Microsoft office

Multisim-Circuit Design

Intermediate: Java, C++, PLC

Beginner: AutoCAD-Electrical, PCB Layout.