

Andy Blake

Electronics Technician

Lewisville, TX

-Email me on Indeed: <http://www.indeed.com/r/Andy-Blake/ee001f9c96c3ae6e>

To secure a challenging position where my experience and education will allow me to utilize and further develop my skills.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Senior Hardware Engineer

Artech Information Systems L.L.C. - Morristown, NJ

June 2021 to Present

Contract with Artech Intelligent is Human 06/2021 To present

Sr. Tech reporting to Emerson Manager, Hardware Product Engineering

Diagnose field returned microprocessor-based products to segregate into categories: No Fault Found (NFF), Customer Induced Damage, and Functional Failure (FF). If the product is determined be FF, then first level analysis. Documentation of findings and correct disposition
Analyze product field returns by installing and configuring the products into known working systems to understand the operational status of the product and segregate into categories. Using the built-in diagnostics and other tools and instruments, analyze to component level of printed circuit boards and use tools and instruments DMMs, Oscilloscopes and Logic Analyzers. Diagnosis And replacement of components on Printed Wiring Boards uses tools such a temperature chambers to stress product into recreating customer issues.

Plant support technician

GTA Professional Staffing contract at Tweddle at General Motors assembly Plant - Southfield, MI

January 2021 to April 2021

Working on Tracer software support and diagnostics,

Finding errors in the software and reporting to engineers for repairs.

Test Technician

SQA Services, At Plexus in Wisconsin - Palos Verdes Estates, CA

October 2020 to November 2020

Testing Coronavirus photo optic testers.

Using software for complex medical devices.

Electronics Technician 4 Failure analysis technician 4

Ericsson - Lewisville, TX

August 2019 to October 2020

Electronics Technician - Working at Ericsson AB 08/2019 to 10/2020

Fault Fending Technician working on 5G street micro-6701.

Testing and repairing of 5G Telecommunications equipment.

Running full diagnostics throughout the strict test and repair processes, each unit is screened for failure as well as potential intermittent issues.

Failure analysis technician 4

Fortress Solutions - Plano, TX

May 2018 to March 2019

Failure analysis Technician working outsource recovery.

American Telecommunications Third-Party Equipment Repair Market,

Testing and repairing of Telecommunications equipment.

Running full diagnostics throughout the strict test and repair processes, each unit is screened for failure as well as potential intermittent issues.

Electronics Technician

Theatro Labs Richardson TX - Richardson, TX

November 2017 to February 2018

Testing Troubleshooting communicators for retail customers

Electronics Technician

Progressive Global Energy & Natural Resources at Stumberger Denton TX - Denton, TX

March 2017 to July 2017

Testing and fabrication of fracking pumps for the oil and gas industry

Electronics Technician Contract for labor dispute

Strom Engineering at Honeywell - Minneapolis, MN

January 2017 to February 2017

Testing and assembly processes in clean room environment. Laser Gyros for military applications

Field Services Technician

General Dynamics

March 2016 to July 2016

Working with a wide range of systems Testing and troubleshooting of satellite communications, SATCOM Technologies full spectrum of satellite ground communications products, systems engineering, project integration and installation services some of the most complex SATCOM related projects in the world.

Electronics Technician - Contracted

Sovereign Staffing at Selex ES US

August 2015 to November 2015

Testing and troubleshooting Ground-based navigation, precision landing (ILS, CVOR/DVOR and DME) and surveillance systems to military and civil aviation. Testing Transmitters, Receivers, Power Supplies, & Digital CCAs, Test equipment used Spectrum analyzers, Power Meters, Oscilloscopes, Digital volt meters, Soldering irons, Heat guns. Automated test programs.

Electronics Technician - Contracted

Volt workforce Solutions

September 2014 to May 2015

Testing and troubleshooting Positive Train Control to component level at Wabtec Global Services.

Testing PTC computer systems, Data recorders, & CDUs, Test equipment used automated test Equipment and Linux operating systems. Digital volt meters, Soldering irons, Heat guns. Automated test programs.

Electronics Technician - Contracted

OLSA Resources, Inc
April 2013 to July 2014

Testing and troubleshooting Traffic Collision Avoidance Systems to component level at Honeywell Aerospace electronics systems.

Testing Transmitters, Receivers, Power Supplies, & Digital CCAs, Test equipment used Spectrum analyzers, Power Meters, Oscilloscopes, Digital volt meters, Soldering irons, Heat guns. Automated test programs.

Electronics Technician - Contracted

Integrated Technical Solutions, at Inc
June 2012 to August 2012

Testing and troubleshooting Line extenders for the telecommunications industry. Test equipment used Spectrum analyzers, Oscilloscopes, Digital volt meters, Soldering irons.

Engineering Technician - Contracted

MEI, 21 Century Staffing
October 2011 to November 2011

Testing and troubleshooting Prototype CCAs electrical circuitry and Working from engineering drawings, wire lists, bills of material, and schematics, Keep accurate records of work and reporting data to engineering department.

Assembly Technician - Contracted

Halliburton, MRI Contract Staffing Inc
February 2011 to May 2011

Assembly of prototype CCAs electrical circuitry and Working from engineering drawings, wire lists, bills of material, and schematics, Keep accurate records of work.

Electronics Technician - Contracted

Adecco Engineering & Technical
March 2009 to August 2010

Electronics technician: Testing and troubleshooting Cable Box's to component level. Test equipment used Spectrum analyzers, Oscilloscopes, Digital volt meters, Soldering irons, Heat guns.

Avionics Mechanic - Direct Employment

S92 Helicopters
August 2008 to January 2009

Fabricating Technician: Modify and repair electrical/electronic systems For S92 Helicopters. Used a variety of equipment/methods to include but not limited to soldering irons, wire strippers, crimpers, multimeters, Beggars, heat guns, banding equipment.

Field Services Technician - Direct Employment

State Inspection
April 2008 to July 2008

Field Service Technician: Calibration & repair of State Inspection equipment at state Inspection Stations. Calibration NOX & O2 sensors, Repair of PC, hardware & software, loading drivers for hardware applications.

Test Technician 2

Flextronics International

December 2005 to July 2007

Test Technician Working in clean room on semiconductor fabrication equipment. Specifically on Applied Materials tools, Including Pneumatics, liquid transferring assemblies, Wafer handling mechanisms. Performing functional and system test on equipment. Assist in training of manufacturing test department technicians, preventive maintenance, and trouble- shooting methodology. Debug of electromechanical assemblies. Testing trouble-shooting telecommunications equipment, Desica cleaner - mega sonic tank testing - brush module testing - producer mainframe testing and troubleshooting - Mesa cleaner testing

Education

Associate in Electronics Engineering

National Education Centers National Institute of Technology - Dallas, TX

May 1986 to January 1988

Skills

- Electrical experience
- Automotive diagnostics
- English
- Hand tools
- Mechanical knowledge
- Programmable logic controllers
- AutoCAD
- Industrial equipment
- Linux
- System Testing
- Debugging
- Test Automation
- Operating Systems
- Microsoft SQL Server
- Software Testing
- Test Cases
- Sensors
- Electrical engineering
- OSHA
- SQL
- Agile
- Embedded software
- Time management
- Computer networking

- FTP
- Schematics
- Laboratory experience
- Analysis skills
- Low voltage
- Data collection
- Controlling experience
- Microsoft Access
- CCTV
- Fire alarm
- Kaizen
- Windows

Certifications and Licenses

National Institute for Certification in Engineering Technologies

Assessments

Logic & critical thinking — Proficient

April 2019

Using logic to solve problems.

Full results: [Proficient](#)

Mechanical knowledge — Proficient

May 2021

Understanding and applying mechanical concepts and processes.

Full results: [Proficient](#)

Mechanical skills: Monitoring — Familiar

April 2019

Measures a candidate's ability to monitor machine indicators in order to ensure safe and appropriate operation.

Full results: [Familiar](#)

Spreadsheets with Microsoft Excel — Completed

May 2021

Excel knowledge including common tools, PivotTables, conditional & nested formulas, and custom visuals.

Full results: [Completed](#)

Basic mechanical knowledge — Proficient

October 2021

Understanding and applying mechanical concepts and processes

Full results: [Proficient](#)

Automotive maintenance — Familiar

October 2021

Knowledge of vehicles, vehicle maintenance, and repairs

Full results: [Familiar](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.