

Justin Parsons - Multi-Disciplinary Engineering Technician

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Willing to relocate to: Orlando, FL - Port Saint John, FL - Melbourne, FL

Work Experience

Engineering Technician

Hydro Precision Tubing | Rockledge, FL

August 2021 to April 2026

Install new equipment, run power, line controls, pneumatics, mechanical assembly building and fabrication. Implementing new measuring equipment, with analog/digital Input & Outputs, meter readings, and temperature, flow graduation, and pressure. Using data readings from software and /or, finding problems in common between process and quality, and brainstorming from formulating quality controlling integration to full time production stabilization. Take on separate projects related to equipment and process-related issues. Electrical diagnosis, programmable logic controller diagnosis and controls editing.

Maintenance Technician

CKS Packaging Inc. | Orlando, FL

August 2020 to August 2021

Maintain production on multiple extrusion molding and preform blow molding machines. Diagnose palletizing equipment, plastic grinders, and material conveying systems, if malfunctioning or not working. Work with finished product conveying systems and gating for multiple lines outfeed to palletizing machines. Diagnose failures and restart down machines when help is needed by operators. Perform plumbing and electrical wiring for equipment replacement or repair during production when broken down (chillers, material heaters, metal separators, leak detectors, vision systems.)

Field Service Technician

Packaging Efficiency Solutions | Denville, NJ

July 2018 to August 2020

Placing Pharmaceutical packaging lines in position, wiring and assembling and integrating machinery to Line Control Plc. Custom fabrication, in field, or in shop designs and implementation. Machine setup and testing. Line controls and Human Interface diagnosis and setup. Recipe management, and mechanical change part changeovers. Field Service repairs and diagnosis, mechanical, electrical and plc related issues.

Field Service Technician

Novel Approaches Solar Applications | Middletown, NY

October 2019 to January 2020

Installing Solar panel (PV) systems, according to electrical codes and county standards. Worked under Master Electrician, Howard Aschoff. Built racks and structure to support ground mounted panel systems and roof mounted systems. Wired and tested solar panels, inverters and diagnosis after powering up.

Industrial Mechanic

Polyfil Corp | Rockaway, NJ

October 2017 to July 2018

Maintenance and troubleshooting on plastic extruding and pelletizing machinery. Facilities, and production line maintenance.

Preventative Maintenance Technician

EconoPAK | Milford, PA

October 2016 to October 2017

Disassembling machinery for cleaning and sanitizing. Reassembling and checking machinery for safety and functionality, operating machinery and setting up lines for production. Keeping track of Preventative Maintenance Schedules and Production Schedules, working on projects including welding/fabrication, custom modifications and providing functionality and purpose of modifications.

Pre Weigher Class C

Kolmar Laboratories | Port Jervis, NY

February 2016 to October 2016

Working as Pre-Weigher in Personal Care Department. Using batch cards to identify products, and calculating amounts needed to fill batch orders. Researching batches and weighing total amount of all items required. Assure batches can be completed. Filling out batch cards. Cleaning workspace, sanitizing all work equipment such as a hammer, screwdriver, scoops and scales. Initialing daily scale check book, and cleaning log-book.

Maintenance Mechanic

Econo-PAK

August 2013 to February 2016

Line Mechanic. Performed basic maintenance routinely. Performed operational test-runs on newly redesigned machinery specific to production needs, safety and quality. Fabrication and Machinery diagnosis during production start. Worked with electrical human interfaces, pneumatic and hydraulic systems, and mechanical components.

Seal Coater

Drip-Drop Waterproofing | Chester, NY

May 2014 to July 2015

Weather Resistant Sealcoating Residential and Commercial Properties. Traveling to and from work, and additionally driving work vehicles to jobsites.

Laborer

K&F Contracting

March 2014 to May 2014

Roofing and Painting residential homes. General Contracting and cleanup of properties for rent.

Gas Sales Attendant

Citgo Quik-Mart | Montague, NJ

March 2008 to September 2011

Manage money and customers' needs in busy workplace environment. Clean and service vehicles for customers and assisting maintaining vehicles fluids. Managing more than 4 customers on a set of two pumps, when leaving able to serve 8 customers on 4 pumps quickly and efficiently.

Education

Computers (High School Diploma)

Port Jervis High School New York

October 2007

High school diploma or GED

Skills

Product testing in engineering Engineering design modification Engineering process optimization
Engineering manufacturing support Electronic displays Mechanical blueprint interpretation
Assembly Engineering equipment training Engineering troubleshooting guide development
Maintenance SAP Integrated circuits (ICs) IP networking Mechanical quality control procedures
Soldering Electrical building codes Technical Proficiency Refrigeration Microsoft Excel
Technical drawing Engineering stress testing Field engineering equipment calibration Mechanical
engineering Blueprint Reading Industrial maintenance Millwright Hand tools Ladder logic
(LD) Field engineering preventive maintenance Mechanical drawings Machining Equipment
repair Engineering functional testing Electrical systems installation Automotive Diagnostics
Programmable logic controllers Service Technician Experience Mechanical fabrication PLC Brake
parts Engineering safety testing Appliance repair Automotive service Remote engineering
diagnostics support CAD software Electrical motors • Carpentry/Painting 5+ Years exp. -
Woodworking, detailed restoration, and refinishing houses. Wiring and circuitry work • Landscaping/
Lawn-keeping. 2+ Years exp. -Lawn care for residential homes, and commercial/public properties,
monuments and burial grounds. Quality control Engineering automation testing Cable termination
• Construction 5+ Years exp. - Framing, roofing, concrete foundation pouring and weatherproofing.
• Automotive Maintenance Skills 4+ Years exp. - Engine diagnostics, motor disassembly and repair/
restoration. Suspension diagnosis and repair, Auto body, and frame restoration. Wiring and brake/
fuel line repair. SolidWorks Schematic development for electrical drafting Calibration Mobile
devices Interpreting technical drawings Mechanical knowledge Brake repair Electronic actuators
Equipment troubleshooting Digital multimeters Logic analyzers Construction Engineering
data analysis Troubleshooting hydraulic systems Facilities equipment maintenance Electrical
blueprint reading Electrical layout diagram interpretation • Line Mechanic 4+ Years exp. -
Hydraulics, Pneumatics, Electrical diagnosis and repair. Mechanical adjustments and sequentially
timing components in action. Engineering development testing Electrical diagnostics Conveyor
installation Preventive machine maintenance Human-machine interface (HMI) systems Plastics
Blow Molding Data analysis skills Prototyping (engineering design task) Supervising experience
Electrical troubleshooting Engineering troubleshooting Level sensors Electrical engineering
Engineering quality assurance Mechanical repair Computer skills Schematics Customer Service
Materials handling Dimensional measurements Computer literacy Handyman Fabrication
Function generators Engineering reliability testing Robotics engineering Voltage probes High
voltage HVAC • Web Design 1 Year exp. - Web page programming and coding. Designing pages and
organizing content on web database software for server storage and implementation. Microsoft Office
Technical engineering Roofing PLC programming Manufacturing facility Industrial automation
Mechanical assembly Technical engineering report generation Field engineering on-site equipment
repair Heavy lifting Hydraulics Mobile applications Low voltage Electrical experience
Automotive engineering Research & development Flow sensors Crew management Engineering
system installation Current probes Database software proficiency Engineering usability testing
Productivity software Blueprint specification interpretation Auto body repair Power supplies
Manufacturing Wiring harnesses 3D modeling Field engineering equipment configuration Signal

generators Electronic circuit boards Sensors Data acquisition systems Facilities Maintenance
Temperature sensors Electrical wiring Field engineering service ticket management • Computer
Repair/Programming 6+ Years exp. - Computer peripheral installation on hardware and software levels.
Operating system installation and administration. Connecting computers to network. Configuring
network properties and managing network access properties. Welding Team supervision Pneumatic
systems Maintenance, repair and operations (MRO) Electrical soldering Aerospace engineering
Managing electronics installation or repair teams Programming in engineering Material handling
systems CAD Pressure sensors Mechanical troubleshooting Oscilloscopes Electronic sensors
Working in the automotive repair industry Industrial equipment troubleshooting Electronic
connectors • Machine Operator 3+ Years exp. - Automatic vertical form fill seal packaging, Automatic
horizontal flow wrap machine, Manually Operated Shrink Bundler and Oven. Plastics Extrusion Quality
assurance AutoCAD Engineering equipment malfunctions diagnostics MIG welding Electrical
schematic reading and interpretation Machining tools Working on electrical projects Electro-
mechanical components Company vehicle operation Material handling equipment maintenance
Field engineering equipment installation Manufacturing company experience Managing teams as
an electrician Remote technical support Field Service Material handling equipment operation
Electrical systems Ethernet Maintenance Tech

Certifications and Licenses

Driver's License

Additional Information

Authorized to work in the US for any employer