

Blake Herron

Detail-Oriented Product Design Engineer

Irondale, AL

-Email me on Indeed: <http://www.indeed.com/r/Blake-Herron/c24611b1bc6cf15c>

Skilled design engineer with 8 years of hands-on experience developing new product lines which have generated millions in yearly revenue. Highly adaptable and dedicated to producing error-free results.

Hobbies/Interests:

- Hiking & Traveling
- Music- Guitarist for ~20 years and avid concert attendee
- Reading

Authorized to work in the US for any employer

Work Experience

Product Design Engineer

Hubbell Power Systems - Birmingham, AL

August 2017 to Present

Hubbell Power Systems develops and manufactures high voltage switching and fusing equipment for the transmission and distribution power grid. At Hubbell I have been responsible for numerous engineering roles in a manufacturing environment over 4+ years. My primary role has been new product development (NPD) with heavy emphasis on electromechanical engineering, CNC, injection molding, and improving Hubbell's ability to offer SCADA devices to the market. Myself along with four team members are responsible for bringing products from the idea stage to a fully developed product ready for the market which generate millions in yearly revenue. Subsidiary roles often include quality engineering, manufacturing engineering, and sustainment of the product lines my team has developed. Major achievements in my time at Hubbell have been the launch of the following:

- Flexmo Motor Operator
- OTS Switch
- Flexmo Terminal Unit
- Compact Recloser
- Load Break Tool
- Flexmo Terminal Unit.
- Multiple custom unitized switches.

Proficiency with the following software:

- Autodesk Inventor & Vault
- AutoCAD & AutoCAD Electrical
- Solidworks
- MathCAD
- Altium PCB Design
- SAP
- Salesforce

Interior Engineer

Tiffin Motorhomes - Red Bay, AL

August 2016 to August 2017

Responsible for engineering components for recreational vehicles such as TV brackets, valances, headboards, as well as various small parts. Displayed proficiency with accurately modeled formed metal and wood parts using multiple design programs. Engaged in weekly engineering meetings and brought previously gained knowledge to help with department redesign pertaining to department workflow and drawing standard procedures. Worked to bring interior designer sketches into reality with accurately dimensioned drawings during model change.

While at Tiffin I worked diligently with multiple departments and outside vendors to find accurately engineered solutions for customer needs as well as successfully integrating myself into a team atmosphere aimed at achieving long and short term company goals.

CAD Manager

Valley Rubber, LLC - Falkville, AL

September 2013 to August 2016

Responsible for CAD department oversight. Designed custom molded rubber products for the mining and aggregate industry as well as traveled for job recon and installation of parts. As one of nine department heads, worked diligently to develop and improve company procedures regarding product design, manufacturing procedures, purchasing, and reverse engineering and improvement of company products. Displayed ability to find timely solutions for complex issues and customer needs.

- Proficiency with the following:
- Autodesk products including Inventor and AutoCAD
- E2 Shop System
- Microsoft Office

Pharmacy Technician

Walmart's Pharmacy - Jasper, AL

August 2012 to September 2013

Responsible for inputting prescriptions, dispensing medication, and communication with insurance companies regarding patient insurance policies as well as opening/closing of pharmacy.

Education

Associates in Applied Science in Drafting Design Engineering Technology

Bevill State Community College

May 2014

Walker High School

May 2009