

# DEREK ADAM ROWLAND

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## Objective

Seeking Electrical Engineering position allowing for project management, client interactions, and complex problem solving.

## Education

MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY – Rolla, MO  
(formerly University of Missouri - Rolla)

**Bachelors of Science in Electrical Engineering, Dec 2010**

GPA: 3.86/4.0 – Summa Cum Laude Honors

Active in fraternity and extracurricular activities while maintaining high level of academic excellence.

## Technical Experience

- ◆ Microsoft Visual Basic .NET & Visual Studio 2010
- ◆ NI Labview & TestStand
- ◆ Verilog/VHDL embedded basic design & troubleshooting
- ◆ IEEE-488/GPIB/LXI Instrumentation Control
- ◆ TCP/IP & Computer Networking
- ◆ Electrical circuit design
- ◆ SMT soldering & electrical prototyping
- ◆ RF Radar ground-return simulation and testing

## Work Experience

HONEYWELL FM&T (NNSA's Kansas City National Security Campus) – Kansas City, MO

**Engineer III Electrical**, Jan 2011 to Aug 2016

Systems Engineering

Oct 2015 to Aug 2016

- ◆ System Sub-assembly Lead for development program major ship-level assembly
- ◆ Coordinate management and customer initiatives with Project Leads and team members
- ◆ Developed common tools and presentation formats to enable consistent messaging across projects
- ◆ Investigated proposed requirements changes and negotiated opportunities to minimize negative impacts

Test Engineering

Jan 2011 to Oct 2015

- ◆ Project Lead for multi-million dollar projects to develop automated test equipment (ATE)
- ◆ Managed and negotiated project scope, schedule, and financial forecasting. Presented project status updates to management and government customers.
- ◆ Lead Designer and Integrator for complex test system which included high-voltage measurement, RF simulated radar return, and precision electro-mechanical mechanism drive and monitoring.
- ◆ Finalized development and qualification on long-term project to build destructive-test monitoring system
- ◆ Authored first draft of 350+ pg. product specification; detailed stimulus & signal criteria and test procedures
- ◆ Core member of multiple Product Realization Teams; cross-functional teams of engineers and design peers
- ◆ Engaged union operators & technicians for fabrication and prove-in of test systems and auxiliary equipment
- ◆ Certified for Honeywell's Design for Six Sigma and Green Belt programs for manufacturing excellence

## Relevant Internship Experience

HONEYWELL FM&T (NNSA's Kansas City National Security Campus) – Kansas City, MO

**Student Engineering III**, Telemetry, May 2010 to Aug 2010

GARMIN INTERNATIONAL, INC. - Olathe, KS

**Design Engineer Intern**, Fitness Products, May 2009 to Aug 2009

**References available upon request**