

RYAN MICHAUD

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318.268.7726

Electrical Engineer with six years of aerospace design experience, adept at avionics system integration and wiring harness design/fabrication

SUMMARY

- Demonstrated ability to concurrently manage multiple tasks ranging from tracking requirement changes, creating wiring diagrams, supporting manufacturing engineers, and troubleshooting electrical systems
 - Proficient in designing and reviewing wiring diagrams and harness installation drawings which meet electromagnetic compatibility (EMC), FAA, and vehicle subsystem requirements
 - Proven track record excelling in rapid paced environments with challenging and ambiguous requirements
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PROFESSIONAL EXPERIENCE

ELECTRICAL DESIGN ENGINEER

June 2013 – Present

L3 HARRIS TECHNOLOGIES

Greenville, TX

- Lead design teams of engineers in parts of large contracts, overseeing the design, schedule, integration, and testing of electrical subsystems across multiple aircraft and system integration laboratories
- Improved team's productivity by implementing issue tracking site to track action items and prioritize tasks
- Achieved subject-matter expert (SME) status by quickly obtaining in-depth understanding of multiple software packages including Mentor Graphics Capital, NX, and Teamcenter
- Implemented process improvements to CAD software by logging KPI data to a database to track key issues
- Awarded "Top Star" award and several achievement awards based on outstanding performance ensuring the customer's aircraft was delivered on schedule and under budget

AVIONICS AND ELECTRICAL SYSTEMS ENGINEER, INTERN

May 2012 – Sept. 2012

CESSNA AIRCRAFT COMPANY, TEXTRON

Wichita, KS

- Conducted research on avionic systems and presented recommendations to management based on the aircraft's Concept of Operations (CONOPS), cost, risk, and schedule impact analysis
 - Designed and drafted electrical drawings for new aircraft prototype with a fast-paced schedule
 - Maintained Visio drawing of aircraft's subsystems to ensure coordination between design groups
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TECHNICAL PROFICIENCIES

SOFTWARE: Capital (harness design ECAD), Teamcenter (PLM), NX (2D/3D ECAD/MCAD), Matlab, Altium Designer (PCB CAD), Office (Word, Excel, PowerPoint, Outlook, Visio)

CERTIFICATIONS: Six Sigma Greenbelt, Microsoft Office Specialist (Excel 2013 and Outlook 2013)

EDUCATION

MASTERS OF SCIENCE, ELECTRONIC NAVIGATION

Sept. 2017 to Current

OHIO UNIVERSITY

GPA: 4.0

BACHELOR OF SCIENCE, ELECTRICAL ENGINEERING

May 2013

LOUISIANA TECH UNIVERSITY

GPA: 3.4
