

Adam Stegemann

Principal Applications Engineer | RF



I am a developing engineer driven by a perpetual curiosity of technology, passion for shaping audio and wireless applications, and a desire to continue my growth through diverse learning opportunities. I remain enthusiastic each and every day to meet new challenges and find ways to better myself and my customers.

Experience

National Instruments

Austin, TX

Sep 2015 – Present

- **Principal Applications Engineer, RF** 6 yrs
 - ⇒ Provide hardware/software support for RF semiconductor customers who utilize our test platform.
 - ⇒ Advocate internally for customer application success, lead efforts to increase application proficiency, and quickly resolve issues while dynamically reacting to shifting priorities.
 - ⇒ Focus on WLAN test applications with increasing expertise in advance protocols such as 802.11ax (Wifi-6) and 802.11be (Wifi-7).
 - ⇒ Advanced in role by receiving three promotions based on performance from Staff to Principal level.
 - ⇒ Received "Everyday Impact Award" for contributing to account success through excellent support.
- **Technical Support Engineer, Automated Test** 1 yr
 - ⇒ Provided direct product support for customers using our automated test platform, driving individual issues to resolution through troubleshooting, research, and escalations with R&D.
 - ⇒ Led the improvement of marketing demos showcasing USRP Direction Finding for our annual conference.
 - ⇒ Earned "Leadership Award" from peer nomination.
- **Sales Engineer** 1 yr
 - ⇒ Sought out opportunities to connect our Sales team with customers who were engaged at various phases of project completion through inbound/outbound interactions.
 - ⇒ Gained valuable insight into research and technology industries while strengthening an understanding of internal resources and their connection to customer success.

TN Tech University

Cookeville, TN

Aug 2014 – June 2015

- **NSF Research Experience for Undergraduates** 2 mos
 - Supervised an undergraduate level research project in which a mobile device was being prototyped to measure radio frequency spectrum usage in a given geographic area to map "whitespace" for future research.
- **Undergraduate Research: Li-ion Cell Fabrication** 6 mos
 - Conducted a semester-long research project to setup a lab and pilot the fabrication processes of lithium-ion coin cells.
- **Team Lead: Sr. Capstone Design Project** 9 mos
 - Led an interdisciplinary team of five students in the design and implementation of a wireless autonomous guided vehicle for use in a warehouse facility.

Audio Engineering

Nashville, TN; Los Angeles, CA

Oct 2003 – July 2012

- Gained industry experience in sound effects/music editing, sound design, audio tracking, and mixing. Worked on several independent projects including short films, music albums, and music for television.

Education

Tennessee Technological University, Cookeville, TN

Bachelor of Science in Electrical Engineering
with an emphasis in telecommunications

Graduated May 2015; GPA: 3.64 (4.0); graduated *cum laude*

Volunteer State Community College, Gallatin, TN

Associate of Science in University Parallel Studies
Graduated December 2006; GPA: 3.6 (4.0)

Full Sail University, Winter Park, FL

Associate of Science in Recording Arts

Graduated September 2003; GPA: 91.12 (100.00)

Personal Info

Email

Skills

Software:

- LabVIEW, C#, Python, MATLAB, Spice, C++, Pro Tools, Microsoft Office, Automated Test applications, GUI development

Hardware:

- RF test equipment, PXI Platform, prototype fabrication, circuit design, soldering

Additional Skills:

- Technical writing, Project Management, Audio Recording/Editing/Mixing

Strengths

Teaching:

I have developed strong skills in training, inspiring, and promoting education through several years as a math tutor, which has resulted in notable student success.

Communication:

I have a long history of customer service and professional correspondence that has created a strong intuition for handling diverse situations among my co-workers, peers, and most importantly my customers, to the benefit of meeting our collective goals.

Adaptation:

Over the course of my professional and personal life I have encountered challenges that were best met with optimism and led me to embrace change on a level that catalyzed personal growth. It is not without failure that I learned to become resilient and allowed my experiences to shape my attitude towards learning new skills. I have proven to myself and others that I can quickly rise to bridge the gap between what I don't know and what I am actually capable of doing.