Riley Mitchum

417 S Harrison Ave, Blanchard, OK 73010
(405) 833-7100 • RileyMitchum@ou.edu

Work Experience

Software Engineer, The Boeing Company   Jan 2017 – Present
- Ported user interface, and back end database from Microsoft Access to SQL Server. Developed a C# application to mirror functionality of the original MS Access software.
- Successfully brought C-17 AISF lab, to full operational capability, working closely with Boeing counterparts in Long Beach, California to accomplish the tasks in an efficient manner.
- Upgraded 1553 interface tools for the C-17 program using C#, and C++.
- Updated processes and procedures to accommodate the C-17 labs in Oklahoma City. This included modifying procedures to be common across multiple programs, removing procedures to increase efficiency, and tailoring others to suit the needs of the labs.

Engineering Intern, The Boeing Company   Mar 2016 – Jan 2017
- Developed Perl, Shell, and Batch scripts to aid in the build process of the simulation product.
- Tested and verified the integrity of the latest version of simulation software, and approved or rejected its release.
- Worked closely with team members on updating test procedures, and documentation in DOORS.

Engineering Intern, Longwave Inc.   Mar 2015 – Mar 2016
- Managed team for a new project, including estimating timelines, tasking the project, and communicating with team members, as well as the client.
- Worked on government contracts for the Department of Defense, the Navy, and Boeing.
- Gained valuable development experience in the .Net framework, as well as the Visual Studio 2013 environment.

IT Services Specialist, University of Oklahoma IT   Aug 2014 – Mar 2015
- Trained new employees in troubleshooting techniques, as wells as customer service skills.
- Troubleshot various hardware and software related issues for university staff, and students.
- Maintained effective communication skills in difficult situations.

Teller, Sooner State Bank   Feb 2012 – Aug 2014
- Trained new employees on banking systems, and procedures.
- Assured proper balance in cash drawer, and maintained large amounts of currency/coin.

Education

University of Oklahoma   GPA: 3.20/4.00
Bachelor of Science in Computer Engineering, Dec 2016

Certifications & Skills

Security Clearance: SECRET
Languages: C#, C++, Visual Basic, Java, VHDL, Perl, Shell, SQL, Python, HTML
Applications: Visual Studio, DOORS, ClearCase, ClearQuest, Eclipse, MatLab, Microsoft Office.
Skills: Skilled with soldering iron, oscilloscope, and various electrical test equipment. Strong mechanical aptitude with experience in automotive/small engine repair. Great understanding of leadership, and teamwork.
Licenses: Instrument Rated Private Pilot, Technician Level Amateur Radio Operator (KF5ZSK)

Volunteer Experience

Civil Air Patrol USAF Auxiliary   Oct 2010 - Present
Awards: General Carl A. Spaatz Award – the highest award a cadet can achieve. Oklahoma Wing Aerospace Education Cadet of the Year.
Qualifications: Transport Mission Pilot, CERT Certified