

Objective:

Participate in a competitive design project position and gain experience through working as part of a team to accomplish complex and unique tasks.

Education:

University of Oklahoma

August 2013 – May 2016

Bachelor of Science in Aerospace Engineering
Expected Graduation: May 2016

Major GPA – 3.16

- American Institute of Aeronautics and Astronautics Member
- Society of Physics Students Member

Oklahoma School of Science & Mathematics, Regional Center

August 2010 – May 2011

- Attended College level math and physics courses senior year of high school

Relevant Experience:

Manufacturing & Design Process Group Design Project:

February 2014

- Team Oriented Design of a Patented Project
- Design and Analysis with SolidWorks
- Experience with Metallurgic and Manufacturing Processes

Embedded Systems Design Project

January 2014 – May 2014

- Design and Implementation of an Automated Hovercraft
- Low Level Programming of a Microprocessor

Robotics Design Projects

January 2014 – May 2014

- Design of Automated Systems to Perform Multiple Tasks
 - Line Following
 - Maze Crawling
 - Identifying and Stacking Objects
- Experience with Object Recognition from Video Feed

Job Experience:

Lead Technician for OU Information Technology Learning Spaces Team

August 2015 - Present

- Performed Leadership duties over a small team of peers
- Organized and oversaw execution projects

Maintenance Engineer for Aloft Hotels

August 2012 – July 2013

- Maintain integrity of hotel structure and appearance
- Create safe environment for guests and associates through regular safety checks and improvement projects

Maintenance/Front Desk Attendant for Microtel Inn & Suites

Intermittently May 2010 – July 2015

- Maintained hotel facilities standards and appearance
- Assured high guest satisfaction through positive interactions

Lawn Care for C.A.M. LLC.

Summers, May 2010 – July 2015

- Maintained rigorous expectations for property appearance
- Provided services for five separate properties
- Mowed, weeded, and cleaned properties regularly

Counselor for Miami Summer Recreation Program

May 2010 – June 2010

- Facilitated the learning and engagement of a small group
- Cooperated with peers to provide a fun and immersive experience

Office Assistant for University of Tulsa - Petroleum Engineering Dept.

August 2011 – May 2012

- Fulfilled data entry duties for the department
- Assisted faculty members
- Performed General Office Duties

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Awards:

- Science & Engineering Fair U.S. Army Award (2011)
- AP Scholar with Distinction
- Oklahoma Regent Scholar
- University of Tulsa, Physics Journal Club Presenter

Skills:

- Proficiency in C, MATLAB, JAVA, HTML, and CAD
- Familiarity in applying engineering concepts
- Strong roots in problem solving and critical thinking
- Experience with team focused problem solving