

QINJIE CHEN

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1779 Cassatt Dr.

Tallahassee FL, 32317

OBJECTIVE

To obtain a career seeking a real-world engineering opportunity and strive as an outstanding individual, communicative colleague, and an energetic problem-solver, where these attributes prove extremely valuable.

EDUCATION

The Florida State University, Tallahassee, FL

Graduation: May 2018

Bachelor of Science in Mechanical Engineering (Control Systems Track)

Cumulative GPA: 3.13

SKILLS

- Proficient in various programming languages and software
 - Matlab, Mathcad, C, C++, Labview
- Languages: Chinese and English
- Operated various tools and machinery in an engineering setting

EXPERIENCE

National High Magnetic Field Laboratory (Cryogenics Lab)

February 2017 – Present

Heat Transfer through Multilayer Insulation (MLI) Experiment

(March 2017 – August 2017)

- Applied analytical skills to anticipate and solve problems; proposed solutions to overcome various obstacles.
- Operated helium compressors responsible for cooldown temperatures of 20 K.
- Licensed to utilize and cautiously transfer nitrogen dewars.
- Utilized data acquisition program for sensor calibration through wire resistance.
- Maintained the lab equipment regarding the Multilayer project; ensured their optimal performance.
- Reported to project coordinator about experiment progress.
- Trained new staff members to operate relevant machinery and understand the data acquired from each run.
- Appointed the position of lead technician for the NASA MLI experiment.

Helium Levitation Experiment

(August 2017 – Present)

- Assisted with the development of the labview code to acquire the necessary measurements.
- Exercised problem solving skills by examining potential vacuum leaks on system.
- Engaged with the installation of various thermal and mechanical components on the system.
- Received and utilized welding training on the experimental helium tank.

Students of Automotive Engineers

April 2016 – August 2017

Member

- Engaged in both construction and design sub teams.
- Demonstrated reliability by assisting with the installation of Formula car engine.
- Assisted with CAD design for linkage supports.
- Exercised failure analysis knowledge through the utilization of Adam's car program.

Sam's Country Buffett

March 2016 – Present

Lead Cashier

- Managed approximately \$3000 worth of daily currency.
- Ensured the area's cleanliness and sanitation.
- Created various online advertisements for new employee positions.
- Selected potential employees for the manager to interview.

ACTIVITIES

Phi Eta Sigma Honors Society, *Member*, Florida State University

Inducted Spring 2014

Naval Junior Reserve Officer Training Corps, *Cadet Chief Petty Officer*

Fall 2010-April 2014

Crossway Church, *Organization Lead*

March 2014-April 2016