

Mikaela Myrin

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EDUCATION

The University of Texas at San Antonio (UTSA)
Bachelor of Science in Mechanical Engineering

Graduation: December 2020
GPA:3.19

WORK EXPERIENCE

Southwest Research Institute

August 2019 – Present

San Antonio, TX – Student Intern MARINE STRUCTURES & ENGINEERING

- Assist Engineers with design tasks include engineering calculations, component & assembly design, component & assembly analysis, component identification, material selection and procurement.
- Collaborate in teams with engineers, technicians, and administrative personnel as well as work autonomously on individual tasks.
- Test fixture assembly, instrumentation setup, data acquisition setup, monitoring test, collecting data, processing & analyzing data.

Toyota Motor North America

May 2019 – August 2019

Plano, TX – Customer Quality Services S/A Chassis Quality Engineering Intern

- Processed and analyzed incoming field information related to chassis components through the Toyota Quality Communications Network (TQCN) and logged data to identify emerging issues and trends.
- Promote newly identified issues utilizing the Global Registration (GR) system and rank up as needed to quickly investigate and determine root cause while meeting key milestones and targets.

Toyota Motor North America

August 2018 – December 2018

Plano, TX – Quality Engineer Co-op (Warranty Apportionment)

- Trained and directed suppliers to develop responsibility share rate warranty claims. Analyze and judge completeness and accuracy of supplier submissions.
- Determined effective methods to visualize large data sets and extensive analysis to allow consistent understanding by members from multiple functions.

Yates Company, LLC

May 2018 – August 2018

San Antonio, TX - Controls Engineer Intern

- Designed and implemented building automation hardware and software.
- Designed and produced SCADA packages for building managers using Innotech's proprietary SCADA design package, Magellan.

Tomás Rivera Center

August 2016 – May 2018

The University of Texas at San Antonio - Supplemental Instructor

- Facilitated group study sessions for students to help improve student outcome in historically difficult classes.
- Develop students' study skills in a peer led environment.

BNSF Railway

May 2017 – August 2017

Fort Worth, TX - Mechanical Intern (Corporate Locomotive Team)

- Worked at corporate headquarters under the Mechanical Locomotive team as well as traveled to locomotive shops across the system to work on projects.
- Completed a summer project that targeted locomotive fuel spills on the BNSF system.

ADDITIONAL SKILLS

- Computer: MatLab, Arduino, Solidworks, Creo 4.0, Microsoft Office: Word, Excel, Powerpoint, Power BI, Sharepoint
- Productive as member of a team or individually
- Strong written and verbal communication skills

ACTIVITIES

UTSA American Society of Heating, Refrigeration, & Air-Conditioning Engineers

- President of UTSA student chapter (Fall 2016 - Spring 2018, Spring 2019 - Present)
- Coordinate tours of local HVAC facilities and host Professionals at club's general meetings.
- Frank M. Coda National ASHRAE Scholarship Recipient 2019-2020
- Alamo ASHRAE Chapter Scholarship recipient 2017-2019