

Runfeng Tian

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Education:

The Ohio State University

2012-2017

- Bachelor of Science in Mechanical Engineering
- Cumulative GPA: 3.10 (4.0 scale)

University of Cincinnati

2017-Present

- Master of Science in Mechanical Engineering Expected April, 2019

Current Research

CSSC Project

- Transfer the MATLAB code into LabVIEW Vis.

Kinpo Project

- Transfer the MATLAB code into Python code.

Smart Water Project

- Develop a remote monitoring system for visualizing the water quality.

Autonomous Driving

- Survey the cutting edge sensor reliability issues of autonomous driving.
- Deliver a paper to summarize the current issues.

Previous Experience

Ohio State University, Dept. of Mechanical Engineering

Automated Driving Lab (Feb 2016 – April 2017)

- Helped graduate students to design and testing automated driving vehicle.
- Worked on longitudinal control of the vehicle.

Student Assistant of System Dynamics and Vibrations (Sep 2016 – May 2017)

- Graded homework weekly of the class of System Dynamics and Vibrations.

Constraint Device for Air Drone Project (Oct 2016 – April 2017)

- Designed a constraint device to monitor the motion of drone.
- Applied constraints to the drone when it reaches limited boundary.

Honda Center Pillar Redesign Project (Nov 2016 – Dec 2016)

- Modified the TLX center pillar layout to accommodate a Pilot style seat belt slide adjuster by using CATIA.

Software Proficiency

- MATLAB and Simulink
- Python
- Arduino
- LabVIEW
- SolidWorks
- CATIA

Activities

Ohio State University

President of the Japanese Conversation Club

- Took charge of the club management hosted officer meetings.
- Collaborated with other officers and made decisions.
- Organized weekly general meetings and planned activities.

Secretary of the Japanese Student Organization

- Kept track of the officer meetings and managed the organization email.

Certificates

- Japanese-Language Proficiency Test Level N2

July 2013