

Jorgen Wu

1275 1st Street, West Lafayette IN 47906 | 412-715-8465 | wu1283@purdue.edu

Objective

- Mechanical Engineering student studying at Purdue University. Experienced in robotics and mechanical design. Seeking an internship.

Education

PURDUE UNIVERSITY, WEST LAFAYETTE, 2018-2022

- Major: BS Mechanical Engineering, GPA: 3.87/4.0
- Minor: Economics
- Related coursework: Thermodynamics, Measurement Systems, Financial Management

Experience

INTERN | GECKO ROBOTICS | JULY – AUGUST 2019

- Created 3D models in SolidWorks and Cura
- Prototyped parts with 3D printers

LAB ASSISTANT | MEDIA & PROCESS | 2015 - 2016

- Prepared carbon molecular sieve (CMS) bundles
- Tested permeability of CMS membranes for hydrogen separation

Projects

G.E.A.R.S. | JAN – APRIL 2019

- Developed navigation and mapping algorithms for autonomous maze traversal robot
- Created task list and schedule for project management

MARS CARGO ROVER | SEPT – DEC 2018

- Designed a robot to follow a marked path, traverse terrain, and deliver cargo to specified position
- Wrote navigation software with rudimentary decision-making capabilities

Skills

- SolidWorks, CREO, Fusion360, CATIA
- Python, Java, MATLAB, C, HTML
- Microsoft Office
- Adaptability to changing circumstances