

TRENNER JONES

812-431-2585 | trennerjones@purdue.edu | linkedin.com/in/trennerjones | trennerjones.com

EDUCATION

Purdue University, West Lafayette, IN
Bachelor of Science — Mechanical Engineering
Minor – Design & Innovation

Aug 2020 – May 2024

GPA: 3.31

Universidad Carlos III de Madrid, Madrid, Spain
Semester Exchange

Jan 2023 – Jun 2023

PROFESSIONAL EXPERIENCE

AbbVie, North Chicago, IL

Jun 2023 – Aug 2023

Operations Intern – Global Facilities Engineering

- Conducted analysis on HVAC system in a laboratory building to aid in understanding of air supply requirements for future renovations
- Developed an engineering package instructing the removal of three air handling units and their corresponding utilities and updated related AutoCAD drawings to record the changes
- Field verified and updated HVAC and piping drawings to illustrate existing conditions in the building

Pfizer, Sanford, NC

May 2022 – Jul 2022

Biotech Intern – Equipment Validation

- Updated P&ID drawings of fermentors used in manufacturing of multiple vaccines to increase safety and readability
- Aided in the re-qualification of autoclaves and fermentors to confirm equipment validation status
- Compiled re-validation information for all site-level computer systems into a central location to improve efficiency

Printpack, Bloomington, IN

Jun 2022 – Jul 2021

Intern – Engineering

- Devised a plan for an improvement to the existing ink pumping system to decrease exposure to dangerous chemicals and minimize wasted time
- Designed and implemented a compressed air leak detection program for the site, saving the plant unnecessary expenses and improving energy efficiency in the plant
- Re-designed safer pedestrian pathways by evaluating pedestrian and forklift traffic and analyzing EHS data

EXTRA-CURRICULARS

Purdue Mechanical Engineering Ambassadors, West Lafayette, IN

Nov 2021 – PRESENT

Committee Head – Student Activities

- Lead a group of seven ME students in planning events for the School of Mechanical Engineering
- Communicate with school administrations to determine logistics for all student events for the organization

Ambassador

- Lead tours for prospective ME students and answer questions regarding courses, clubs, and the school
- Act as a delegate between current and prospective students, faculty, alumni, and organizations

ME 199 – How Stuff Works, West Lafayette, IN

Aug 2022 – PRESENT

Course Instructor

- Introduce first-year engineering students to key mechanical engineering principles and applications by explaining the mechanics of everyday objects through hands-on instruction
- Act as a mentor for first-year students to aid in them making informed decisions about their coursework

SKILLS & COURSEWORK

Skills: AutoCAD, Autodesk Inventor, SolidWorks, Siemens NX, MATLAB, Python, C, Microsoft Office

Coursework: Human Factors, Robotics, Electrical Engineering Fundamentals, Materials Science