

JORDAN GAITHER

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EDUCATION

Rutgers University, School of Engineering, New Brunswick, NJ

New Brunswick, NJ

- Bachelor of Science in Civil Engineering
- GPA: 3.305/4.000 (Dean's List)

May 2025

RELEVANT COURSES

Mechanics of Solids	Construction Engineering	Element of Structures
Fluid Mechanics	Statistics for Research	Mechanics Properties of Materials
Dynamics	Statics	Scientific and Technical Writing

SKILLS

Technical: Microsoft Office, AutoCAD, Revit, SolidWorks, MATLAB, SAP2000

Hands-On: Lathe Machine, Mill Machine, Drill Press, Angle Grinder

RELEVANT PROJECTS

House Plan, Introductory CADD

- Designed and developed a 3D model of a one-story house in compliance with New Jersey building codes
- Utilized AutoCAD and Revit to create the house

Spring 2023

Formula 1 Chassis, Rutgers Formula Racing

- Designed the structural chassis of a Formula Society of Automotive Engineers (FSAE), utilizing SolidWorks.

Fall 2022

Bridge Analysis, Statics

- Analyzed members in the I-35w bridge collapse to determine the forces and moments on them that caused the incident.

Spring 2022

ACTIVITIES

American Society of Civil Engineers (ASCE)

Sep. 2021 - Present

Steel Bridge Club

Sep. 2021 - Present

- Helped design a stringer bridge on AutoCAD for the ASCE national steel bridge competition

Minorities Engineering Educational Task (MEET)

Oct. 2021 - Present

Rutgers Formula Racing Club (RFR)

Sep. 2021 – June 2023

WORK EXPERIENCE

Edison Pack and Ship

Edison, NJ

June 2021 - Present

Lead Packer

- Design and produce shipping packages to transport fragile, and expensive items
- Communicate challenges affecting the packing process, and devise solutions