

Dominique Sullivan

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Objective: Internship related to Civil Engineering to gain experience

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY

Pursuing B.S. in Civil Engineering (expected 2023)

May 2023

GPA: 3.84/4.00

Related Courses

Engineering Dynamics, Strength of Materials (Analysis of how materials react to loading), Intro to Computer Aided Design, Intro to Engineering Analysis (Static analysis of complex systems)

SKILLS

Computer: Siemens NX, Fusion 360, Microsoft Office

Technical: Bandsaw, Drill Press, Vertical Mill, Lathe, Soldering, Prototyping, Additive Manufacturing, Documentation, Laser Cutting

Professional: Leadership, teamwork, communication

EXPERIENCE/LEADERSHIP

The Forge

President

Fall 2019 - Present

(theforge.rpi.edu)

- Collaborate with students at RPI to explore rapid prototyping and design
- Represent The Forge to RPI's School of Engineering, coordinate budget, lead executive board, organize volunteers, and source materials
- Assist students in the fabrication of custom components using multiple types of additive manufacturing and laser cutter

Engineering Ambassadors

Ambassador

Spring 2020 - Present

- Interviewed and selected for a paid position to be a part of the EA team by demonstrating advanced presentation and communication skills
- Visit high schools and present about engineering topics to educate and inspire teens to pursue STEM.

NASA Ames

Mechanical Engineer Intern

Summer 2020

- Worked on the In-Situ Lunar Habitat project at the NASA Ames Research Center
- Focused on the manufacturability of essential systems

FIRST Robotics

Captain

August 2015 - June 2019

- Organized and led team meetings for Notre Dame Belmont's all-girls robotics team
- Coordinated with the programming lead, business lead, recruitment manager, and project manager

Build Lead

- Organized design and build of the robot to achieve a challenging set of game objectives which vary every year.
- Trained new members in build, and sourcing parts.

Passion Project

- Created and delivered a curriculum to teach Girl Scouts about robotics and coding
 - Reached over 200 girls over a period of a year.
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AWARDS

The Rensselaer Medal

Rensselaer Polytechnic Institute's scholarship for outstanding math and science academic achievement to high school juniors. Nominated by the head of Notre Dame's science dept.

May 2018

RPI Dean's Honor List

Awarded for achievement of a high GPA for 4 consecutive semesters.

Fall 2019-Spring 2021