

Sidhant Vaidya

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EDUCATION

York University

Bachelor of Engineering in Mechanical Engineering

GPA: 3.78/4.00

Toronto, CA.

June 2020.

RELEVANT COURSEWORK

Thermodynamics, Mechanics of Materials, Dynamics.

SKILLS

Software: Microsoft Office, MATLAB, Solidworks, Sketchup, Adobe Photoshop, Python, Java.

RELEVANT PROJECTS

Hybrid Motor High-Powered Rocket

Fall 2018

- Developed two hybrid motor high powered with the TAC club for a NASA sponsored state competition, to compete under two categories: 2000ft and max altitude.
- Responsible for soldering the altimetry kit and ensuring python programming for the rockets equipped with the Arduino boards was correctly coded. Won both categories.

Developed Terminal Buildings at Airports for Simulator Software

Ongoing

- Developed multi-platform compliant scaled down terminal buildings for various airports, including Mumbai and Goa, to be implemented into Level-D Simulators used to train pilots.

WORK EXPERIENCE

Peer Academic Coach

August 2018-Present

FAU ACCESS Center

- Assist freshmen in adjusting and acclimating to their life at FAU, accomplish weekly benchmarks that include. calling, e-mailing and making sure students are on track for their goals and are progressing at a steady pace.
- Meet with fellow coaches to improve the methods of helping the freshmen meet their goals and how to improve the Peer Academic Coaching system.

ACTIVITIES

Tau Beta Pi, *Member*

November 2018-Present

Technology and Aerospace Club, *Mechanical Subdivision*

August 2018-August 2020

The Investors Club, *Chief Operating Officer*

December 2018-August 2020

LANGUAGES

Fluent in oral and written communication of English, Hindi and Marathi.