

# Siddharth Venkatraman

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## EDUCATION

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### **Texas A&M University College of Engineering – College Station, Texas**

*Engineering Honors Program (2020 – Present)*

- GPA: 4.00

### **Vandegrift High School – Austin, Texas**

*Graduated in Top 5.8% of Class (37 of 640)*

- GPA: 4.00 Unweighted, 5.425 Weighted

## HONORS AND AWARDS

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- Craig and Galen Brown Foundation Scholarship
- National Merit Scholarship
- National AP Scholar
- President's Endowed Scholarship
- AP Capstone Diploma

## COMPUTER SCIENCE EXPERIENCE

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### **University of Texas at Austin – High School Research Academy**

*High School Researcher, May 2019 – July 2019*

- Analyzed data in the field of astronomy by working with Jupyter Labs, Python, and the Pandas library
- Identified patterns in Galaxy Evolution by analyzing trends within data sets

### **Vandegrift High School Computer Science Courses**

*Computer Science Student, August 2017 – May 2020*

- Studied 3 years of Computer Science (2 years of Java, 1 year of Python)

### **Notable Projects**

*Java*

- Fantasy Basketball League Simulator: Allows the user to draft a team, manage it throughout an NBA season, and compete against computer players to win a championship
- Robotics Competition Simulator: Uses previous years' data to run multiple simulations of future competitions and determine probabilities of various outcomes

## ORGANIZATIONS AND LEADERSHIP

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### **Freshman Leadership Organization – Freshman Leaders Establishing Excellence (FLEX)**

*Freshman Member (2020 – 2021), Zone Leader (2021 – Present)*

- Oversee a zone of about 15 freshmen and create opportunities for involvement within the organization
- Developed my Leadership and Communication skills as a freshman

### **Texas A&M Fish Camp**

*Camp Member (2020 – 2021), Camp Counselor (2021 – Present)*

- Lead a discussion group of about 12 freshmen and help them transition from high school into college
- Work with fellow counselors to plan and run the entire three-day camp experience

### **Stem to Stocks Guild**

*Member (2020 – Present)*

- Academic organization dedicated to enhancing business knowledge of engineers