

# Shikhar Baheti

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## EDUCATION

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### Texas A&M University

Junior, BS in Computer Science | Major GPA: 4.0 | GPA: 3.42

Minors in Mathematics and Cyber-security, Certificate in Holistic Leadership

College Station, TX

August 2018 – May 2022

## EXPERIENCE

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### Molecula

Austin, TX (Remote)

Software Engineering Intern

May 2020 – August 2020

- Implemented a Python tool using gRPC to demonstrate the value proposition of Molecula Software, reducing database query times to an average of **10 milliseconds** from 120 milliseconds
- Enabled faster tracking of performance and accuracy regression by 15% with a new internal tool in Golang to load test and compare Molecula software versions
- Developed a documentation website for the Molecula software using React.js and Docker to be used by the engineering team of 12 and 40+ clients
- Worked on projects with large datasets (of **5+ terabyte-scale**) from Fortune 100 companies to help them evaluate Molecula software

### Department of Computer Science at Texas A&M University

College Station, TX (Remote)

Undergraduate Researcher

May 2020 – August 2020

- Researched student-submitted programs to identify points of struggle in core computer science classes
- Trained deep learning models using Keras to measure students' engagement in online classes through facial recognition through OpenCV. **Achieved 83% accuracy.**

### Division of IT at Texas A&M University

College Station, TX

IT Student Technician

May 2019 – Present

- Supported Health Science Center of Texas A&M encompassing more than **500 employees and 2000 students** with technical software, hardware, and IT troubleshooting
- Proficient in utilizing ServiceNow, AirWatch Encryption, Active Directory, and Bomgar to assist users

## PROJECTS

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### Society Hub

January 2020

- Developed a full stack web app utilizing React.js and Google Firebase to collaborate and communicate events
- Used by 80+ engineering organizations and **15,000** Texas A&M College of Engineering students

### Flavor

March 2020

- Created a preference-based web application to recommend users restaurants using Yelp's API
- Built using Node.js, Express, JavaScript, HTML, CSS, and Google Cloud Platform

## RELEVANT SKILLS

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**Languages:** Python, C++, Java, JavaScript, Golang, SQL, HTML/CSS, Verilog, Assembly

**Frameworks/Technologies:** React.js, Node.js, Firebase, Docker, jQuery, NumPy, Bootstrap, Git, Arduino

**Tools:** Agile, Slack, Linux, Cloud Platforms (Google and AWS), REST APIs

## LEADERSHIP

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**Operations Executive**, The Big Event at Texas A&M University

October 2018 – Present

- Led a team of **60 staff members** to organize the largest student run community service event in the nation
- In charge of 18,000 student volunteers and 2000+ tools to conduct volunteering for more than 2500 residents

**Zachry Leadership Program**, Texas A&M University

October 2019 – Present

- Member of a selective five-semester program developing holistic leadership skills of engineers

**System Administration**, Student Engineers' Council at Texas A&M University

January 2020 – Present

- Developed and maintained various internal websites to manage member data with more than **100 daily users**