

Shikhar Baheti

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EDUCATION

Texas A&M University

Junior, BS in Computer Science | Major GPA: 4.0 | GPA: 3.4
Certificate in Holistic Leadership

College Station, TX
August 2018 – May 2022

EXPERIENCE

Molecula

Software Engineering Intern

Austin, TX (Remote)

May 2020 – August 2020

- Implemented a Python tool using gRPC to demonstrate the value proposition of Molecula Software, reducing database query times from an average of 120 milliseconds to **10 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

Undergraduate Researcher

College Station, TX (Remote)

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

IT Student Technician

College Station, TX

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

Society Hub

January 2020

- Developed a full stack web app utilizing React.js and Google Firebase to collaborate and organize student 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

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

Frameworks/Technologies: React.js, Node.js, Tensorflow, OpenCV, Firebase, Docker, jQuery, NumPy, Bootstrap, Git

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

LEADERSHIP

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**

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