

Shikhar Baheti

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EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Computer Science
Minor in Cybersecurity and Mathematics
Certificate in Holistic Leadership

Expected May 2022
Major GPA: 4.0
Cumulative GPA: 3.42

SKILLS

- Languages: **Python**, **C++**, JavaScript, Golang, HTML, CSS, and Verilog
- Frameworks/Technologies: **React.js**, jQuery, NumPy, Bootstrap, Docker, Flask, Firebase and Node.js
- Knowledge working with Git, Agile, Slack, Linux, Google Cloud Platform, Docker, and RESTful APIs

WORK EXPERIENCE

Software Engineering Intern, *Molecula*, Austin, TX

May 2020 – August 2020

- Assisted the Senior Solution Architect in building a tool in Python to demonstrate the value proposition of Molecula Software, reducing database query times to an average of **10 milliseconds**
- Created an internal tool to load test and compare Molecula software versions, enabling faster tracking of performance and accuracy regression by 15%
- Worked on projects with large datasets (**of 5+ terabyte-scale**) from Fortune 100 companies to help them evaluate Molecula software
- 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
- Used JavaScript, Python, and Go, along with industry-standard and company proprietary APIs to build tools for internal testing and customer demonstrations using the Agile methodology

Software Engineering Summit, *Capital One*, McLean, VA

August 2020

- Selected as 1 of the 48 delegates to attend a weeklong summit to learn about Capital One
- Gained experience learning about Android development, Machine Learning, and Google Firebase

Undergraduate Researcher, *Department of Computer Science*, Texas A&M University

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 with **83% accuracy**

IT Student Technician, *Division of IT*, Texas A&M University

March 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, *Student Engineers' Council*, Texas A&M University

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, *TAMUHack* – flavorproject.herokuapp.com

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

Personal website – shikharbaheti.net

June 2019

- Created a personal portfolio website using React.js, HTML, CSS, and Google Analytics

LEADERSHIP

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

October 2018 – Present

- Led a team of **60 staff members** to organize the biggest 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 Admin Council Coordinator, *Student Engineers' Council*, Texas A&M University

January 2020 – Present

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

Director of Operations, *MSC Fall Leadership Conference*, Texas A&M University

May 2019 – August 2019

- Organized a 3-day leadership conference with 70 student leader delegates, managed logistics of the conference