

Sahil Parikh

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Education

- University of Texas at Austin**, Austin, TX August 2016–May 2020 (Expected)
- Bachelor of Science in Computer Science, Minor in Business X.X GPA.
 - Coursework: Data Structures and Algorithms, Discrete Math, Computer Architecture, Linear Algebra, Operating Systems, Cyber-physical Systems, Algorithms, Artificial Intelligence, Data Mining

Experience

- Yext**, *Software Engineering Intern*, New York, NY June 2019–August 2019
- Created testing suite for front-end ReactJS code using Jest and Enzyme frameworks, which established a testing procedure for all current and future UI components built by the team
 - Built and maintained ReactJS components to be used for company-wide front-end design which increased engineering efficiency and reduced code repetition, helped migrate JavaScript codebase to be built with Bazel
- JP Morgan Chase**, *Software Engineering Intern*, Dallas, TX June 2018–August 2018
- Built a bot for mortgage transaction reconciliations on large internal web applications using Selenium and WinAutomation for automation, Python and SQL for querying, bot saves the company \$600K over 5 years
 - Designed a predictive analysis system to decrease lead-time for delinquent loan processing, using Python for analysis and ReactJS for front-end dashboard, which helped to identify delinquent loans more quickly
- vAuto (Cox Automotive)**, *Software Engineering Intern*, Austin, TX May 2017–August 2017
- Created a new modal UI system for vehicle pricing and inventory changes on an enterprise web application using AngularJS/TypeScript, HTML/SCSS for front end, which helped users by simplifying a complex input form into a more natural, organized, and user-oriented procedure
 - Built a chatbot that appraises vehicles through natural language processing using Python, Lambda functions, and Amazon Lex, which created an easy process for customers to quickly receive information on a vehicle

Projects

- budgetfor.space**, website April 2019
- full-stack website to educate people on space organizations, missions, and destinations. Created with ReactJS, MongoDB, Python Flask, deployed using Docker and AWS Elastic Beanstalk
- Rocket League Simulation**, class project May 2018
- self-driving remote control car with C++ OpenCV to use the car to tap a ball into a predetermined goal using edge detection algorithms and decision mapping
- Bet!**, iOS App August 2016
- allows users to create and send bets to other users using a backend server, Facebook user authentication, content sorting algorithms, and data caching, written in Swift

Leadership and Awards

- Vice President of UT Seva Charities** May 2018–May 2019
- In charge of membership structure, publicity strategies, engagement, and volunteer organization, and big picture membership and communication perspectives for the largest South Asian charity at my university
- 2nd place winner at JP Morgan Code for Good Hackathon** October 2017
- designed a volunteer portal for a local non-profit to help onboard and engage volunteers using AngularJS for front-end and MongoDB for back-end

Skills

Programming Languages, Frameworks, and Technologies/Services

- *Languages and Frameworks*: Java, Python, ReactJS, AngularJS, SQL, HTML/CSS/SCSS, Swift, \LaTeX .
- *Technologies and Services*: Git, AWS (EC2, Elastic Beanstalk, CloudWatch, Lex), Docker, Agile, Jira