

TEJAS MEHTA

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EDUCATION

The University of Texas at Austin B.S. Honors Computer Science, BBA Canfield Business Honors and Quant Finance May 2023
GPA: 3.98/4.0 Certificate: Applied Statistical Modeling, Minor: Entrepreneurship

SKILLS

Programming Languages: Python, Java, HTML/CSS/JavaScript, C, C++, SQL, R, Hack

Frameworks and Platforms: React, Flutter, Google Cloud Platform, Firebase, PyTorch, GatsbyJS, Docker, Git, Figma, Creo, Fusion 360

Summits: Stanford Treehacks (1st place Art, Tech, and Activism), Capital One SES (3rd Place Hackathon), Google CSCI-Coursera (Algos)

Coursework: Data Structures _(H), Algorithms _(H), Operating Systems _(H), Computer Architecture _(H), Discrete Math _(H), Robot Learning, IT Management _(H), Probability, Blockchain, Data Visualization, Statistical Modeling _(H), Finance _(H), Accounting _(H), AI Design _{((H) = honors)}

EXPERIENCE

Amazon (AWS AI) - Incoming Software Development Intern; Seattle, WA August 2021 - November 2021

Slack & Kleiner Perkins - Software Engineering Intern + KP Engineering Fellow; Remote May 2021 - August 2021

- Architected and deployed an image editor with crop, rotation, and flip capabilities available to > 10 million users worldwide
- Authored product brief identifying, defining, and scoping the project's features estimated to contribute to ~ \$15M in ARR
- Developed feature across key microservices using Hack, React, and Go and A/B tested feature using experiments and analytics

Kanarys - Product Management Intern; Dallas, TX (Remote) Feb 2021 - May 2021

- Ideated, researched, and implemented a pipeline to discover company diversity data, automating 70% of data collection/analysis
- Interviewed 30% of Kanarys and analyzed insights to write product specs, design mockups, and launch "Virtual Communities"

The Home Depot - Software Engineering Intern; Austin, TX (Remote) June 2020 - August 2020

- Developed an autocomplete form in self-checkout that allows professional contractors to store their transaction by job name, a feature crucial for over 40% of revenue and being deployed to over 50,000 registers in 2,200 stores in North America
- Utilized React, Redux, Java (Spring), and WebSocket communication while modifying the register and self-checkout codebases
- Wrote unit tests using JUnit + Mockito, end-to-end tests using Cucumber, and a feature flag to enable the feature in select stores

Zimperium Mobile Security - Software Engineering Intern; Dallas, TX June 2019 - August 2019

- Developed a Web App using Python (Flask), HTML, CSS, and JavaScript (jQuery) detailing Zimperium's cloud infrastructure
- Visualized > 87 VPCs in an interactive map with live metrics, endpoints, and attributes synced with an API for new deployments
- Deployed using Ansible and Shell and is currently used by 143 (>70%) employees in engineering, sales, and management

PROJECTS

Activst June 2020 - Present

- Link-based philanthropy platform for social media activists to promote donations, petitions, and education for personalized causes
- Awarded 1st place at Stanford's TreeHacks and now being used by 771+ users. Currently being developed for Cantor Arts Museum.

LocoEats June 2020 - Present

- Locally owned + Black owned restaurant discovery service with over 3,200 unique users; 12,000 pageviews; and 12,700 queries
- Built using React, Python (Flask), and PostgreSQL, deployed using Cloud Run, Cloud SQL, and monitored using Google Analytics

CraveRN - (Google Play Store) (App Store) March 2020 - Present

- Cross-platform (iOS, Android, Web) app designed using Flutter (Dart) that displays personalized and open restaurants to users.

LEADERSHIP EXPERIENCE AND ACTIVITIES

Computer Science and Business Association - Vice President of Technology (Founding officer) April 2020 - Present

- Developed TexasCSBA.org (React) with features including automated email, calendar, subscription, and feedback infrastructure
- Pioneered and led TJ's bash, a biweekly program for students to learn interviewing skills and bond together through social events.

Austin Venture Strategy - Vice President of Product (Founding Officer) February 2021 - Present

- Lead and mentored 12 aspiring product managers in weekly product development, research, engineering and iteration sessions
- Deployed new restaurant onboarding and infrastructure platform for SweetSpot, a "Buy Now Pay Later" food takeout service

Texas Quantitative Investment Group - Vice President of Technology (Founding officer). April 2020 - Present

- Led team of 8 in developing quantitative models using Python and wrote data science curriculum. Developed texasqig.org.

Student Government Organization - Senator May 2018 - May 2019

- Launched a peer support program upliftstress.com with the endorsement of the dean, psychologist, and director for 374 students