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
Certificate: Applied Statistical Modeling, Minor: Entrepreneurship
GPA: 3.98/4.0

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 CSSI-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 - *React, Firebase, Python, Google Cloud Functions*   February 2021 - 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 - *React, Python (Flask), PostgreSQL, Google Analytics, Cloud Run, Cloud SQL*   June 2020 - Present
- Locally owned + Black owned restaurant discovery service with over 3,200 unique users; 12,000 pageviews; and 12,700 queries

CraveRN - *Dart/Flutter, Firebase Mobile Auth/Database*   March 2020 - Present
- Cross-platform (iOS, Android, Web) app that displays personalized restaurants to users. Selected by Capital One for their summit.

LEADERSHIP EXPERIENCE AND ACTIVITIES

Computer Science and Business Association – *Vice President of Technology (Founding officer)*   April 2020 - Present
- Pioneered and co-led TJ's bash, a biweekly program for students to learn interviewing skills and bond through social events.
- Co-piloted MiMi, a mentorship program where we matched > 43% of our org's members with industry mentors across 4 disciplines

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