

# TEJAS MEHTA

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## EDUCATION

<b>The University of Texas at Austin</b>	Texas Honors Computer Science and Business Bachelor of Science in Honors Computer Science Bachelor of Business Administration, Canfield Business Honors	May 2023
<b>University of North Texas</b>	High School Diploma (Computer Science Concentration) GPA: 4.0/4.0 for 98 Hours	August 2017 - May 2019

## RELEVANT COURSEWORK

- Honors Data Structures, Honors Discrete Math, Multivariable Calculus, Linear Algebra, Algorithmic Toolbox (Google CSCI), Data Visualization, Longhorn Startup Seminar

## EXPERIENCE

- Zimperium Mobile Security** - *Software Development/Devops Intern*; Dallas, TX June 2019 - August 2019
- Developed and hosted a full stack webapp using a Python/Flask Backend and a Jinja2/HTML/CSS and JavaScript frontend
  - Developed an API to post and update data and implemented a secure firebase database protected with firebase auth
  - Deployed using Ansible and Shell and is currently used by 143 employees in engineering, sales, and management
- UNT EFRI Phononics Lab** - *Research Fellow*; Denton, TX October 2017 - May 2019
- Utilized MATLAB, IdealCircuit, R, and Plotly to create a novel form of encryption utilizing quantum tunneling and Anderson Localization for an untraceable and frugal means of communication
  - Authored paper and presentation submitted to the Texas Junior Academy of Science
- XLabs** - *Student Mentor*; Austin, TX August 2019 - Present
- Mentoring a group of young students in developing smart air systems, smart lighting systems, an Alexa application, while teaching important IoT, AI/ML, and Augmented Reality fundamentals
  - Assisted with marketing and outreach by organizing and leading outreach events to increase our consumer base

## PROJECTS

- [Upliftstress](#)** - *Client: University of North Texas* April 2018 - Present
- Developed a College wide peer support platform using HTML, CSS, Javascript (Jquery), and Firebase Auth/Database for students to reach out to trained peers and discuss their problems and develop strategies for stress management.
- [Flowcus Timer](#)** - *Google Play Store* January 2018 - Present
- Fully customizable Android Pomodoro Timer with Material Design designed to maximize productivity (5/5 stars)
- [Satori](#)** - *Google Play Store* January 2018 - Present
- Personal Diary with daily insights designed with Firebase Auth and Database (5/5 stars)

## LEADERSHIP EXPERIENCE AND ACTIVITIES

- Student Government Organization** - *Senator* Spring 2018 - Spring 2019
- Represented 374 students in the University of North Texas and promoted increased funding for TAMS clubs, healthier food for students, and a safer and more inviting residence hall
  - Launched peer support program Upliftstress.com with College Dean, Psychologist, and director of student life and interviewed and trained 10 students to be peer supporters for the service now available to 374 students
- IEEE Computer Society** - *Secretary* Spring 2018 - Spring 2019
- Called industry leaders in the field of Computer Science and provided career opportunities for UNT students
  - Helped organize the first successful hackathon for UNT (HackUNT) with over 50 participants

## HONORS

- International Collegiate DECA: 2nd Place Entrepreneurship Challenge April 2019
- International Collegiate DECA: 4th Place: Emerging Technologies Marketing Strategies April 2019
- Undergraduate Research Fellowship November 2018
- National Merit Finalist March 2019
- UNT President's List (4 semesters) August 2017 - May 2019
- Texas Junior Academy of Science: 2nd place Engineering October 2018

## ADDITIONAL INFORMATION

**Technical Skills:** Proficiency: Java | Exposure to: HTML/CSS/JS, Python/Flask, Shell, Ansible, Git, Autodesk Fusion 360, Creo, Firebase

**Languages:** Fluent in English and Hindi, Basic Understanding of Spanish and Punjabi

**Work Eligibility:** Eligible to work in the U.S. with no restrictions