

# Tejas Mehta

## EDUCATION

### University of North Texas

August 2017- May 2019 | GPA: **4.0/4.0** | Computer Science | TAMS Honors College | President's List | National Merit Semifinalist

#### Relevant Coursework:

Computer Science 1, Computer Science 2, Discrete Math, Data Visualization, Calculus 1,2,3, AP Computer Science, Physics Mechanics

### Coppell High School (CHS)

2015 -2017 | Rank: **26/864** | ACT: **35**

## SKILLS

### Technical

Java  
C++  
HTML/CSS  
R  
Matlab  
Firebase  
Python

### Design

Autodesk Fusion 360  
Solidworks  
Creo  
Plotly  
LATEX

### Languages

Spanish  
Hindi

## HONORS & AWARDS

### Texas Junior Academy of Science

#### Engineering - 2nd place (2018)

Awarded for authoring a paper and presentation for a novel form of untraceable encryption utilizing Anderson Localization

#### DECA | Emerging Technologies Marketing - 2nd Place/International Qualifier (2018)

Awarded at the Collegiate state level for discussing emerging technologies including Virtual Reality, Beacons, and Natural Language processing and their application in the real estate business

### Business Professionals of America

#### Computer Modeling - 1st Place (2017)

Awarded at the regional level for 3D computer aided design

### Business Professionals of America

#### Broadcast News Production - 1st Place (2017)

Awarded at the regional level for the Business Professionals of America Region 1

#### iCode | Hackathon - 2nd Place (2015)

Awarded 2nd place for a website designed to prevent cyberbullying using HTML, CSS, Javascript, and PHP



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TejasMehta1

## TECHNICAL EXPERIENCE

### Student Government Association

#### TAMS Senator | May 2018- May 2019

- Expanded on a hackathon product to launch a university wide program which paired students with personalized peer mentors to reduce stress ([upliftstress.com](http://upliftstress.com)). Created using HTML, CSS, Javascript, JQuery, and Firebase (Auth, Hosting, Realtime Database).
- Worked to make residence halls more accommodating for disabled individuals
- Advocated for TAMS clubs to reach official UNT org status and was successful with 12 organizations
- Held weekly office hours

### UNT EFRI Phononics/Acoustics Research Lab

#### Research Intern | Sept 2017- July 2019

- Worked to create novel form of encryption utilizing quantum tunneling for more secure and cheap means of communication that is undetectable by a third party.
- Received Undergraduate Research Fellowship for research
- Utilized Matlab, IdealCircuit, R, and Plotly
- Received 2nd Place for Engineering at the Texas Junior Academy of Science for authoring a paper and presentation

### Data Analysis and Visualization Textbook (In Print)

#### Contributor | Aug 2018- Dec 2018

- Tejas Mehta. (2018). Data Analysis and Data Visualization. Tom Miles (Editor). Denton, TX: Great Plains Publishing.

### IEEE Computer Society

#### Secretary | May 2018 - May 2019

- Called industry leaders in the field of Computer Science and provided career opportunities for UNT students
- Help organize the first successful hackathon for UNT (HackUNT) with over **50** participants

### Cybersecurity Club

#### Professional Outreach | Dec 2017- May 2019

- Contacted professionals in the cybersecurity industry to provide demos and educate students on important concepts in the cybersecurity field