NIHAR ANNAM

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EDUCTATION

University of Texas at Austin   2020 -
- Bachelor of Science, Computer Science
- Coursework: Data Structures, Discrete Math, Linear Algebra

PROJECTS

Total Music   August 2020 - Present
- Built an interactive web app (extension) for Twitch.tv to allow streamers to broadcast self-selected music to their audience
- Created a system to play audio client-side to avoid DMCA issues
- Developed in HTML/CSS and JavaScript on frontend and used NodeJS for the backend
- Hosted additional NodeJS service using AWS Lambda for backend support

Tabroom Mobile   June 2020 - Present
- Developed an unofficial Android and iOS app for Tabroom.com, the main website for hosting speech and debate tournaments
- Released for the National Speech and Debate Tournament, acquiring 600+ users during the event
- Built in Dart using Flutter and designed using Material Design guidelines
- Integrated with Firebase Crashlytics for crash reporting

Message Counter
- Created a tool to analyze Facebook Messenger message data and visualize patterns over time
- Written in Python with Jupyter Notebook and Matplotlib for data visualization

Seeder
- Created a tool to predict brackets for debate competitions by scraping tournament data
- Built in Python, using BeautifulSoup for web scraping and NumPy for data management

AWARDS

Credit Suisse Collegiate Global Coding Competition – Computer Science
- Top 25 U.S. (out of 656) and Top 75 International (out of 4518)

Harvard National Forensics Tournament – Public Forum Debate
- Top 4 (out of 392)

University of Texas at Austin Longhorn Classic – Public Forum Debate
- Top 8 (out of 104)

Capitol City Round Robin – Public Forum Debate
- 1st Place (out of the top 8 teams in Texas)

SKILLS

Programming	Python, Dart, JavaScript, HTML/CSS, Java
Technologies	Git, Flutter, Jupyter, NodeJS, Matplotlib
Other	Public Speaking, Photoshop