NIHAR ANNAM

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EDUCATION

University of Texas at Austin   **August 2020 – May 2024**

- Bachelor of Science, Computer Science
- Completed Coursework: Data Structures, Computer Architecture, Operating Systems, Discrete Math, Linear Algebra, Multivariable Calculus

PROJECTS

Tabroom Mobile   **June 2020**

- 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 using Material UI guidelines and integrated with Firebase Crashlytics

36 Hour Fitness   **September 2020**

- Created a web-based personal fitness trainer that gives real-time automated feedback on exercise form using Dynamic Time Warping to compare a user to instructors and score them
- Developed in **HTML/CSS** and **JavaScript** using PoseNet and TensorFlow.js for joint recognition
- Built for HackMIT 2020, **Grand Prize Winner** and **DRW Data Visualization Challenge Winner**

Total Music   **August 2020**

- Built an interactive web app (extension) for Twitch.tv to allow streamers to broadcast self-selected music to their audience.
- Developed in HTML/CSS and JavaScript on the frontend and **Node.js** on the backend
- Additional backend support through **Express.js**, hosted on **AWS Elastic Beanstalk/EC2** with **SQLite** for database management and **GraphQL** for Twitch API interaction. .

ORGANIZATIONS

Texas Undergraduate Computational Finance

- Student-run organization focused on analyzing quantitative and fundamental perspectives to evaluate potential investment opportunities
- Weekly lessons on mathematics, computer science, and finance in various market areas such as crypto derivatives, futures, bonds and more

Texas Civic Tech Project

- Weekly discussions on political issues concerning tech & opportunities for using tech for social good

AWARDS

HackMIT 2020: *Grand Prize Winner & DRW Data Visualization Challenge Winner*

Credit Suisse Collegiate Global Coding Competition: *Top 25 U.S. (out of 650) & Top 75 Int'l (out of 4500)*

SKILLS

Programming	Dart, JavaScript, Python, Java, C++
Technologies	Git, Flutter, Jupyter, Node