

NIHAR ANNAM

nihar.annam@gmail.com | niharannam.com | github.com/rahinroy

EDUCATION

University of Texas at Austin

August 2020 – May 2024

- Bachelor of Science, Computer Science
- Coursework: Data Structures, Discrete Math, Linear Algebra, Differential Equations

PROJECTS

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**

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

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
- Developed in HTML/CSS and JavaScript on frontend and used NodeJS for the backend
- Hosted additional **NodeJS** service using **AWS Lambda** for backend support

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, HTML/CSS, Java

Technologies

Git, Flutter, Jupyter, NodeJS, Matplotlib

Other

Public Speaking, Photoshop