NIHAR ANNAM

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EDUCATION

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

- Bachelor of Science, Computer Science (GPA: 3.6/4)
- Completed Coursework: Data Structures, Algorithms, Computer Architecture, Operating Systems, Discrete Math, Linear Algebra, Multivariable Calculus

EXPERIANCE

The Washington Post – *Software Engineer Intern, Backend*   *September 2020*

- Built a modularized recipe system to store, index, and develop recipes used by the Food column with **Flask** and **MongoDB**
- Integrated recipe system with **Algolia**, **Datadog**, and **Kafka** and implemented CI/CD with **Jenkins**, **Nile** and **EC2** Instances.

PROJECTS

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 **Express.js** and **Node.js**, hosted on **AWS Elastic Beanstalk/EC2** with **SQLite** and **GraphQL** for Twitch API interaction.

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
- Built for HackMIT 2020, **Grand Prize Winner** and **DRW Data Visualization Challenge Winner**

ORGANIZATIONS

Texas Undergraduate Computational Finance - *Director*

- Organized weekly meetings focused on creating and analyzing quantitative investment strategies for various market areas such as derivatives, forex, and virtual currencies
- Collaborated with multiple investment firms to run a regular speaker series with experts in the field

Longhorn Gaming – *Esports Director*

- Managed 14 esports teams across multiple titles to awards in collegiate and international leagues
- Organized frequent events, panels, and competitions for the largest organization at UT Austin with turnout regularly >1000 people.

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, Flask, MongoDB, Datadog