

Adarsh Yogesh Pai

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Education **B.S. Computer Science**, University of Texas at Arlington
Graduation Spring 2021, **GPA** 3.92 in major, 3.61 overall
Academic Honors Honors College, Maverick Academic Scholarship, Honor Roll
Relevant Coursework Algorithms and Data Structures, Software Engineering, Operating Systems, Linear Algebra, Theoretical CS, Databases, Signal Processing

Experience **Peer Academic Leader**, University of Texas at Arlington Fall 2018 - Present

- I work as an instructor for UNIV 1131 - Student Success(Fall '19: Engineering, Fall '18: Computer Science and Music). My primary responsibilities are lecturing, grading assignments and conducting office hours.

Undergraduate Research Assistant, Heracleia Lab Summer 18 - Fall 18

- Improved Tensorflow based hand detector to streamline building datasets using OpenCV. Primarily worked with Python, OpenCV and C#.

Summer Intern, IT Emerson, Mumbai, India Summer 2017

- Developed an internal web-based application to optimize scheduling and improve operational effectiveness. Primarily used PHP and Postgres.

Prominent Projects **EduNate Winner - 1st Prize and Best Use of Snap Kit**, HackHouston 2019

- EduNate is a micro-donations, peer tutoring and textbook exchange platform for financially struggling college students.
- Stack: JavaScript, NodeJS, Express, React, Google Firestore(Database).
- Hosted on AWS Lightsail, configured using nginx.

MemeRoyale Winner - 1st Prize and Best Mobile Project, HackSMU 2019

- MemeRoyale is an iOS and Android app that helps you create and caption memes while competing against others in a battle royale format for the top voted meme.
- Stack: JavaScript, NodeJS, Express, React Native(App), mLab(Database).
- Hosted on AWS Lightsail, configured using nginx.

Cibo Runner Up - Best Project, Fundamentals of Soft. Eng, Fall 2018

- Cibo is an iOS and Android restaurant reviewing app for dining options near college campuses and setting up public meet-up events.
- JavaScript, Express, React Native, Facebook Developer API, Uber API, Google Places API, mLab. Hosted on Heroku.

Technical Skills

Languages: **Proficient** JavaScript, C++, Python3
 Comfortable Java, SQL, \LaTeX
 Acquainted Ruby, C#, Go, Elixir

Frameworks: Express, React, React Native, Socket.io, Flask, Numpy, scikit-learn

Additional Tools: Amazon Web Services(AWS), mLab, Git, Docker, Google Cloud Platform, MongoDB