

# Adarsh Yogesh Pai

## Present Address

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## Education

**B.S. in Computer Science**, University of Texas at Arlington

**Graduation** December 2020/Spring 2021

**GPA** 4.0 in major, 3.625 overall

**Academic Honors** Honors College, Maverick Academic Scholarship Recipient, Honor Roll

**Peer Academic Leader** I was an instructor for a college introduction course for incoming Computer Science and Music freshmen. Fall 2018.

## Experience

**Undergraduate Research Assistant**, Heracleia Lab Summer 18 - Present

- 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

**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.
- The backend was written in NodeJs with the Express Framework and Socket.io and was hosted on Amazon Lightsail using nginx and PM2.
- The frontend was written in React Native and MongoDB was used as the database on mLab.
- Google OAuth was used for Authentication.

### Cibo

- Cibo is an iOS and Android restaurant reviewing app for dining options near college campuses and setting up public meet-up events.
- The backend was written in NodeJs with the Express Framework and was hosted on Heroku.
- The frontend was written in React Native and MongoDB was used as the database.
- Facebook OAuth was used for Authentication.

**Komodo Platform** Open Source Contributor

- I will be working Dr.Sajib Datta this semester to write Smart Contracts for the Komodo Blockchain Platform primarily in C++.

## Technical Skills

### Languages:

**Proficient** JavaScript, C++, Python3  
**Comfortable** Go, SQL, MongoDB, L<sup>A</sup>T<sub>E</sub>X  
**Acquainted** Java, Ruby, C#, Swift

### Frameworks:

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

### Additional Tools:

Amazon Web Services(AWS), mLab, Git