

# ADARSH YOGESH PAI

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## EDUCATION

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### University of Texas at Arlington

B.S. Computer Science *GPA: 3.564*

Arlington, Texas

August 2017 - May 2021

- CSE GPA: 4.0
- Relevant Coursework: Fundamentals of Software Engineering, Algorithms and Data Structures, Object Oriented Programming, Discrete Structures, Computer Organization and Assembly, Linear Algebra.
- Member of the Honors College.
- Maverick Academic Scholarship(\$5000 per annum) and Out of State tuition waiver
- Peer Academic Leader (August 2018 - Present): Instructor for UNIV-EN 1131(Computer Science) and UNIV-LA 1000(Music).

## EXPERIENCE

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### Heracleia Human-Centered Computing Lab

*Undergraduate Research Assistant*

Arlington, Texas

May 2018 | Present

- Improved Tensorflow based hand detector to streamline building datasets using OpenCV.
- Currently working on developing VR simulations for immersive storytelling.
- Primarily work with Python, OpenCV and C#.

### Emerson Electric

*Summer Intern, Information Technology*

Mumbai, India

June 2017 | July 2017

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

## PROJECTS

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**Dostavi** August 2018 - Present Do not want to pay for international shipping for small parcels? Use Dostavi, a peer-to-peer solution to find travelers to deliver packages to places across the world.

- Currently developing backend API and setting up basic frontend interface. Targeted finish time: December 2018.
- *Express, React, Mongo, Passport, Bulma*

**Clime** January 2018 Get real-time weather updates, ATMs, Hospitals and Shelters near you at times of emergency.

- Developed Webhook for Facebook Messenger based chatbot. Used the OpenWeatherMap Weather API. Deployed Webhook to Heroku.
- *Express, Heroku, Facebook Messenger*

**Minor Projects** Repositories for university coursework, public projects and experiments with APIs.

- GitHub: <https://www.github.com/adarsh9pai>

## LANGUAGES AND FRAMEWORKS

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- Skilled: Python, C, JavaScript, NodeJs
- Comfortable: C++, L<sup>A</sup>T<sub>E</sub>X, Markdown
- Acquainted: Java, SQL, PHP
- Frameworks: NumPy, Pandas, Scikit-Learn, Express, Flask, React, Bulma
- Version Control: Git

## EXTRA CURRICULAR INVOLVEMENT

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- Election Supervisory Board, Student Government (September 2017 - May 2018)