

# Parth Sharma

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## EDUCATION

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### University of Texas At Arlington

*Bachelor of Science in Computer Science, Minor in Data Science*

*Aug. 2021 – May 2025*

- Relevant Coursework - Intermediate programming, Object-Oriented Programming, Algorithms and Data Structures, Computer Organisation, Linear Algebra, Python for Data Science

## PROJECTS

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### Pi-identification | *Python, OpenCV, Firebase, React, Azure, Node.js, JavaScript, raspberry pi, React*

- Developed a full-stack web application with a team at HackSMU which used raspberry pi as the back end for a facial recognition software powered by OpenCV
- The web application was tailored for hospital staff to check who currently was present in a specific room for security purposes.
- Configured a NFC reader to work with a network of raspberry pis which held a database on Firebase.

Pi-identification

### OSeeOuRtext | *Python, Tensorflow, Google Collab, Natural Language Processing, Cohere, Twilio*

- Developed a program to read text from images using Keras OCR using natural language processing and tensorflow in python.
- Implemented a SMS loop which acted like a conversion if the image was a comic strip. OSeeOuRtext

### Carbonise | *Python, Firebase, React, Azure, Node.js, JavaScript*

- Developed a full-stack web application with a team at HackDFW and won using with Node.js and Python APIs and React as the front-end
- Implemented Azure as the database and back end. Carbonize

## AWARDS

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**HackSMU Winners** | *Pi-identification*

September 2022

## TECHNICAL SKILLS

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**Languages:** Python, Java, C, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, WordPress

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ

**Libraries:** Pandas, NumPy, OpenCV

## EXPERIENCE

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### Live-on Peer Academic Leader

June 2022 – Present

*University of Texas at Arlington*

*Arlington, TX*

- \* Helping students transition from high school to college life through the carefully crafted course of UNIV-1131 Student success.
- \* I specifically teach the engineering specific set of students and help them in getting prepared for the pitfalls of engineering.

### Teaching Volunteer

Sep. 2019 – 2020

*Saint Xavier's High School*

- \* Set up campus computers used on campus in public schools
- \* Troubleshoot computer problems brought by students, faculty and staff