

Parth Sharma

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EDUCATION

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

Pi-dentification | *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.
- <https://devpost.com/software/pi-dentification>

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

- Developed a full-stack web application with a team at HackSMU and won using with Node.js and Python APIs and React as the front-end
- Implemented Azure as the database and back end.
- <https://devpost.com/software/carbonize-u0kedb>

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.
- <https://devpost.com/software/carbonize-u0kedb>

AWARDS

HackSMU Winners | *Pi-dentification*

September 2022

TECHNICAL SKILLS

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

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