**Tushar Wani**

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EDUCATION

**Bachelor of Science in Computer Science August 2022 – Present**

University of Texas at Dallas | Junior & Fast Track | GPA – 3.8

**Relevant Coursework**: Machine Learning, EPICS Program, Software Engineering, Algoritms

**Relevant Skills:** Git, Docker, Javascript, SQL, React, Vue, NextJS, NuxtJS, Java, Python, Tensorflow, PyTorch, C

PROJECTS

**Algorithms Research January 2023 – May 2023**

Researching new concurrency algorithms for new persistent RAM

* Hands-on experience with implementing algorithms in C on emerging persistent memory
* Analyzed performance data

**Data Scraping for NLP Research January 2023 – May 2023**

Creating Indo-Iranian language parsers

* Used Beautiful Soup Python library to scrap data for building a Gujarati dataset

**TWCGateway August 2022 – May 2023**

* Specialized for The Warren Center, a non-profit organization in Dallas.
* Lead two different teams of six people each over two semesters
* Proficient in resolving team conflicts
* Handled requirement and tech stack changes
* Implemented token-based authentication using Auth0
* Created React frontend, styled with Tailwind CSS
* Created Express backend, with PostgreSQL database using Prisma as the ORM

COLLEGIATE INVOLVEMENT

**Axxess Hackathon: Pulmo** – Overall 2nd Place Winner **April 2023**

* Full-stack website to assist recovering COPD patients assess their health
* Implemented K-Means clustering ML model with 98% test accuracy to assess patient health status
* ReactJS user-friendly UI for answering questions for assessment and managing log history

**HackUTDX: ShareWood** – CBRE 3rd Place Winner **November 2023**

* Developed website to buy stake in houses/property
* Vision-and-Language Transformer (ViLT) model fine-tuned for property evaluation based on photograph