TARUN L. SANKAR

tarunlsankar@gmail.com tarunls.com tarunls

EDUCATION

University of Texas at Dallas

- Bachelor of Science, Major in Computer Engineering, Sophomore, GPA 4.00
- Collegium V Honors, Deans List, National Merit Scholar, Undergraduate Researcher

TECHNICAL SKILLS

- **Languages -** Java, C++, PHP, Python, HTML, CSS, TypeScript, JavaScript, SQL, Bash, Powershell
- **Frameworks -** Next.js, Node.js, Express, React, Angular, Flask, Django
- **Developer Tools -** Git/GitHub, Maven, Jenkins, Postman
- **Python Libraries -** Pandas, NumPy, Matplotlib, Selenium, Scrapy, Torch, Plotly
- **Cloud Platforms -** Azure, GCP
- **AI Frameworks -** Llama, GPT-4
- **Others -** Docker/Podman, Microservices, Kubernetes, Openshift, REST API

WORK EXPERIENCE

Intent **Sep 2024 - Present**

Full Stack Development Intern - Remote - Part time

- *Developing UI Components using Next.js, Typescript & tailwind CSS*

University of Texas at Dallas **Aug 2024 - Present**

Undergraduate Researcher - Part time

- Conducting research on how to create modular satellite receiver boxes, that is lightweight, portable, and solar charged, to be able to spread research of the ionosphere into lesser explored regions such as South America.
- Using Python and data science modules to aggregate and compress data to reduce the size of data sent back and forth from lab to the receiver

RELEVANT COURSEWORK

University of Texas at Dallas

- CS2305- Discrete Math for Computing I, ENGR2300 - Linear Algebra for Engineers, CS3345- Data Structures & Algorithms, ENGR3341 - Probability Theory & Statistics, EE3320 - Digital Circuits

Coursera

- IBM Full Stack Software Developer

CERTIFICATIONS

- **Coursera -** IBM Full Stack Software Developer View Credential
- **Microsoft Certified -** Azure Fundamentals View Credential
- **Microsoft Certified -** Azure Administrator Associate View Credential

PERSONAL PROJECTS

Seasoned **Nov 2023**

- Developed React mobile/web app for HackUTD that helps plan your diet by allowing to input macros and find nearby fast food options that nearly fit utilizing the FDA nutrition API, and GPT-4 to generate results.

SentiScrape **Jan 2024**

- Web application that scrapes IMDB movie page, and contrast the review scores to a sentimental analysis of the words in the review using Python (Torch, Pandas, Scrapy and Selenium).

Grimmbot **Mar 2024**

- A Python Discord bot that allows users to play text-to-speech messages in voice channels, with translation and multi-language support.

INTERESTS

- Hiking, Cooking, Spy Movies, Indie Rock