

SHANMUKHA SHIVA KAKARLA

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EDUCATION

University of Texas at Dallas

Aug 2018 – May 2022

Bachelor of Science in Computer Science

GPA: **3.932**

SKILLS

Programming Languages: Python, Java, JavaScript, HTML, and CSS

Tools: MS Office 365, Git, GitHub, Google Cloud Platform, Firebase, Figma, Unity, Illustrator, NLP

Frameworks: ReactJS, React Native, Flutter, Node.js, Vue.js, SQL, Django, Flask, Bootstrap

Libraries: NumPy, Pandas, Matplotlib, SciPy, Seaborn

Relevant Coursework: Data Structures, Advances Algorithms, Discrete Mathematics, Computer Architecture, Database Systems, UNIX, Operating Systems, Automata Theory, Digital Logic and Computer Design

EXPERIENCE

Web Development Intern – Samokan, Illinois

May 2019 – July 2019

- Developed a website that, based on user input, can fetch raw data using specific medical APIs, which are then formatted and displayed to the user in a friendly and readable manner.
- Presented information regarding user-inputted drugs and their side effects using HTML, CSS. Node.js was used to communicate with the APIs.

Web Developer / Graphic Designer – Collegion, Dallas

Dec 2019 – Jan 2020

- Developed the website of Collegion, a mobile app for private messaging focused on students.
- Made it fully responsive using HTML, CSS, JS. Bootstrap framework was used to make it mobile-friendly.

Student Worker – International Student Services Office, UTD

Jan 2020 – Present

- Help hundreds of international students every week by addressing their queries at the welcome desk and redirecting them to the immigration advisors when necessary.
- Scan and enter data for incoming immigration documents from USCIS.
- Answer the ISSO mainline, transferring calls, and provide general information.

PROJECTS

Web Development Projects – HTML, CSS, JavaScript, PHP

- **Portfolio Website** - My very own fully responsive website that displays my skills and experiences.
- **Fasho** - Developed and designed a landing page for a fashion designer website.
- **Headway** - Designed and developed a fully responsive website for a local hair salon using Bootstrap.

App Development Projects – React Native (JavaScript)

- **GPA Calculator** - Developed a GPA calculator application that is published in the Google Play Store.
- **Food Findrr** - An app that finds food options based on the given keyword and location using the Yelp API.

Web App Development Projects – React (JavaScript), Flask (Python), Django (Python)

- **Jammming** - React app that allows users to make custom playlists and save them to their Spotify account.
- **TravelCube** - Trip planning Flask app that allows users to plan trips with their friends and family.
- **VetOffice** - Django app that helps veterinary offices manage patients, owners, and appointments.

Engineering Project in Community Service – React Web (TypeScript)

- Designed UI prototypes and developed a web application that allows users to clock in and out for AmeriCorps.

ACHIEVEMENTS / AWARDS

- Dean's List for High Academic GPA 2018, 2019, 2021
- UT Dallas AES Scholarship Awardee (Distinction Level) Aug 2018 – May 2022
- Computer Science Computing Scholars Honors Program Student Aug 2018 – May 2022
- Collegium V UTD Honors College Student Aug 2018 – May 2022

ORGANIZATIONS

- Competitor, Codeburners Aug 2018 – Aug 2020
- Freshman Mentor, Association of Computing Machinery Aug 2019 – May 2020
- Organization Member, Student Game Developer Alliance Aug 2018 – Present