

Anvesh Sunkara

Scholared Senior, University of Massachusetts Amherst

An innovative Computer Science professional with proven expertise in ReactJS, Javascript, and Python, I excel in developing robust, user-centric applications and systems. Combining strong problem-solving skills with a creative mindset, I am committed to driving technological advancements and delivering high-quality solutions.

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🐙 github.com/Anvesh8712

EDUCATION

Undergraduate Program

University of Massachusetts- Amherst

08/2020 - Present

Major: Computer Science GPA: 3.82

Courses

- CS 326: Web Programming
- CS 377: Operating Systems
- CS 311: Intro to Algorithms
- CS 240: Reasoning under Uncertainty
- CS 220: Programming Methodology
- CS 446: Search Engines
- CS 383: Artificial Intelligence
- CS 250: Discrete Mathematics

EXPERIENCE & ACHIEVEMENTS

Programming Intern

RoyalStamp

05/2022 - 08/2022

Start-up Company that provides the service of creating, distributing and templating various legal documents through a blockchain.

Achievements/Tasks

- Engineered and tested React components in compliance with accessibility and web browser standards, employing ReactJS components, forms, events, and Flux for improved web functionality.
- Developed a streamlined webpage resulting in a 30% increase in document setup speed, significantly enhancing operational efficiency and productivity.
- Implemented version control protocols using Git, with regular code updates pushed to GitHub, ensuring project continuity and collaborative efficiency.
- Managed data effectively using GraphQL and Hasura for database operations, enhancing read, write, and storage operations to ensure data integrity and availability.

MIT beaverworks program

MIT

05/2019 - 08/2019

Achievements/Tasks

- Key contributor to an autonomous vehicle program, implementing advanced Computer Vision and LIDAR technologies for self-driving capabilities.
- Participated in a team that developed a successful autonomous vehicle prototype which placed 2nd out of 50 teams in the final event.
- Worked with Python, OpenCV and Raspberry Pi.

TECHNICAL SKILLS

Proficient in: JavaScript, React, React Native, Python 3, HTML 5, CSS3, Java, C/C++

Experienced with: GIT/Github, Unity 5, Visual Studio

Working Knowledge of: Agile Development, Scrum, Unit Testing, Code Review

PERSONAL PROJECTS

GymTracker App (06/2023 - 07/2023) [🔗](#)

- React Native developer for a gym application. Implemented state management with Hooks, designed navigation and UI components.
- Features included workout split creation, weight tracking, and progress visualization. Elevated user experience by leveraging native functionalities.

Spotify 2.0 (12/2022 - 05/2023)

- Developed a music recommendation system, resembling Tinder's UX, using React and the Spotify API. Implemented song 'swiping' feature for personalized selection.
- Backend designed with Express, and managed data using ElephantSQL. Ensured efficient and user-centric experience.

Shadow Hunter (01/2022 - 03/2022) [🔗](#)

- Leveraged JavaScript and HTML to develop a dynamic 2-player fighting game, utilizing Object-Oriented Programming principles to manage health, speed, and damage.
- Employed sprites and HTML animations for seamless object movement, resulting in real-time, interactive gameplay.

ORGANIZATIONS

Umass Robotics club (08/2021 - Present)

Integral member, specializing in robotics programming, contributing to innovative solutions in the field.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

French

Limited Working Proficiency