Anvesh Sunkara

Scholared Senior, University of Massachusetts Amherst

An insightful computer science student with experience working across frontend and backend software development. Looking for a role where I can grow and learn from experienced team members while drawing on project experience I have already successfully executed.

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EDUCATION

Undergraduate Program
University of Massachusetts- Amherst

08/2020 - 05/2023   *GPA: 3.82*

Courses

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

EXPERIENCE & ACHIEVMENTS

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.
- 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. Achieved second-place honors in the culminating event, reflecting exceptional performance in programming and system optimization.
- Worked with Python, openCV and rasberryPi.

Dean's List and Chancellors scholarship
Umass Amherst

08/2021 - 05/2023

SKILLS

JavaScript   React   React Native   Python 3
HTML 5   CSS3   Java   C/C++   Visual Studio
GIT/Github   Unity 5

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.

Sppotify 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 - 05/2023)
Student at the university robotics club and specialize in the programming aspect.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

French
Limited Working Proficiency

INTERESTS

Web Development   App creation   Programming
Robotics   AI/Machine Learning   Computer Vision