

Pranav Krishnan

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EDUCATION

Allen Highschool

Allen, TX

- Top 9% of Junior class (Ranked 143/1585)
- High Academic Honor Roll
- Unweighted GPA: 3.78/4.0
- Weighted GPA: 4.345
- SAT (super score): 1510 (Math 790, Verbal 720)

Aug 2024

TECHNICAL SKILLS

Programming Languages: SQL, Swift, HTML, JavaScript, CSS, Python, TypeScript (Tsx), SCSS, React, GraphQL, Java

Languages: Fluent in English, Tamil, and Conversational Proficiency in Spanish

WORK EXPERIENCE

Nexrage Studios

Plano, TX

Software Development Intern (40+ hrs a week)/ Part Time Software Developer

Jul 2023 – Present

- Developed and designed the Nexrage website using React, HTML, CSS, SCSS, Gatsby, GraphQL, Node.js, and TypeScript (Tsx).
- Permanently removed the necessity for a web developer dedicated to updating the website by creating a dynamic blog page and a projects page that pulls content from Contentful API and generates unique pages for each blog post and case study.
- Designed a landing page for Nexrage's Google ads, boosting lead generation by 150%

Allen Independent School District

Allen, TX

SWE Intern

Jun 2023 – Sep 2023

- Designed an innovative application with a small group for Allen ISD Teachers and Staff to automate task distribution and schedule management.
- Utilized SQL, JavaScript, and Vapor to create the application and streamline administrative processes.

Allen Police Department

Allen, TX

SWE Intern

Jun 2023 – Sep 2023

- Collaborated on the redesign of the Allen Police Department's Vehicle Database, enhancing vehicle information and maintenance management.
- Implemented efficient data retrieval and editing features through the use of Swift Vapor and JavaScript

Silverline Tutoring NPO

Allen, TX

Head of Technical Development

Feb 2023 – Sep 2023

- Led the website redesign to expand tutoring services globally to support over 5,000 students.
- Spearheaded all technical development efforts at Silverline to advance the organization's mission Internationally.

People's Impact Network NPO

Allen, TX

App Development Intern

May 2023 – Sep 2023

- Coordinated Agile project development to create a shopping app for a nonprofit organization as the scrum master and the lead developer.
- Utilized React, JS, HTML, CSS, Tsx & SCSS
- Achieved approximately 200 active monthly users for the app.

PROJECTS

Shelter Safe App

Oct 2022 – July 2023

- Developed a swift UI app to unite governments and humanitarian organizations, aiding users in finding suitable shelters based on various factors and conveniently displaying natural disasters and a map with pins with information and images of each shelter
- Part of a CS-II project at Allen High School in a small group.
- Utilized Mapbox, SwiftUI, Swift, MapKit & Xcode

Recycling App Project

Jun 2023 - Oct 2023

- Created an AI app to detect recyclable items and guide users on proper disposal.
- Contributed to UI and Machine Learning aspects using the XGBoost model with 97% accuracy.
- Presented our app to the City of Allen

ACTIVITIES

Cyber Safety Branch (President) @ Peoples Impact Network NPO

Allen, TX

Head of Cyber Safety Branch

December 2022 – Present

- Held Cyber Safety Seminar as a guest speaker at a Senior Care Facility, educating 40+ senior citizens in the DFW area
- Posted cyber safety tips on a Facebook group with 850+ members and conducted biweekly Zoom seminars, educating 50+ people.
- Created www.cybersafety.dev using React JS, providing valuable resources on cyber safety for members of my community and beyond.

South Asian Fine Arts Association / South Asian Cultural Association

President and Founder of SAFAA & SACA 150+ members

- Led the only south asian cultural club at Allen High School, where we taught our fellow classmates about South Asian culture through detailed presentations, Popular media, Food, Activities, and games
- Partnered with an organization called the Om Dollar Project, where we visit retirement homes and exchange ideas to help give the elderly people there a chance to talk to someone if they have no one else to talk to and learn about different perspectives in the process
- led group volunteering at the local Sridhi Sai Baba Temple

Project ReNEW Allen Chapter/ ReNEW Foundation NPO

Allen, TX

Vice President & CoFounder at Allen High School & Board Member of ReNEW Foundation NPO

Aug 2022 – Present

- Gathered 85+ Club Members
- Repaired and donated 50+ Chromebooks to underprivileged communities, enabling access to the Internet regardless of one's financial situation
- Facilitated the creation of ReNEW chapters at high schools internationally to help with e-waste and a lack of internet access globally

UTD Summer Research

Dallas, TX

Summer Research Intern

Worked in the UTD QoLT lab, where we created systems to meet the healthcare needs of the future

May 2023 – Present

- Explored machine learning applications in healthcare at the UTD QoLT lab.
- Researched Machine learning applications in improving quality of life as well as medical applications with identifying certain cancers and suggesting the proper next course of action

Cyber Patriot

Allen, TX

The competition was created by the US Air Force, where students are tasked with securing Windows, Linux, and Cisco-based machines 5200+ teams across the nation

Mar 2022 – Aug 2022

- Qualified for the State Platinum Division by ranking 19 out of 910 in North Texas (3.14%)
- In State, Platinum Division qualified for the Semifinals by ranking 42 out of 326 Texas (12.88%)
- Placed 3rd as a National Semifinalist in the Platinum (highest) Division

- Camp instructor for AFA CyberCamp for new members of the Allen High School cybersecurity team over the summer in 2 one week sessions

Allen Turing Club

Allen, TX

Vice President

Aug 2023 – Present

- Went to middle schools in Allen, Texas, and gave lessons about Python to 50+ students twice a week to expose them to CS at a young age and push them to consider pursuing it throughout high school

Computer Science Honors Society

Allen, TX

Secretary

Aug 2021 – Present

- Organized Merlin Maven seminars at Allen High School where we use these skills to help our peers with work in Zoom meetings so that even if they are struggling, they can get some help from me and my fellow mavens even if our teacher isn't available.
- Created activities for club meetings and designed these events to boost membership by 50 members from 75 to 125 (67%)

DECA

Allen, TX

Head of Technical Development

Aug 2022 – Present

- Created a react website for my DECA chapter (300+ unique users) and headed all technical aspects of the club
- Texas State finalist in Sports and entertainment marketing
- Qualified for international level of competition ICDC (International Career Development Conference)
- Attended THRIVE leadership event at ICDC

Held Hackathon: Innovation Nexus 1.0

Allen, TX

Event Organizer

Aug 2020 – Present

- Held a hackathon to help students apply themselves during the summer and help create a product or solution that would solve a real-world problem
- 400+ members with 99 submissions and almost 200K in prize value
- provided participants with free resources so that they could innovate without limits.

FRC Robotics at Allen High School

Allen, TX

Programmer

Aug 2020 – Present

- Member of the programming team for Allen Eagle BEST and FRC team
- Qualified for FRC state in 10th & 11th

National Honor Society

Allen, TX

Member

Aug 2021 – Present

- Honor society through which I was able to impact my community through scholarship, service, leadership, and character, and volunteered for a minimum of 12 hours a semester for four years, 200+ hours.

Math Honor Society

Allen, TX

Member

Aug 2021 – Present

- Honor society in which I Aided my fellow students with math-related issues and volunteered with math-related causes for a minimum of 6 hours per semester.

AAU Basketball UIC5

Allen, TX

Captain

Mar 2022 – Aug 2022

- Led the AAU basketball team as captain and center.
- Top rebounder & scorer

First Lego League

Allen, TX/Naperville, IL

National robotics competition

Captained teams Allenotics (2 years) and Naperville Friends (3 years)

Mar 2014 – Jan 2020

- Qualified for the State level of competition for five consecutive years
- 3-time Regional Champion's award winners
- 4-time Regional Robot Performance award winners

Awards

Cyber Patriot 3rd @ National Semifinals in the Platinum Division

Allen, TX

Head of Windows Security

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DECA ICDC

Allen, TX

- Texas State finalist in Sports and entertainment marketing (top 10/250+)
- Qualified for international level of competition: ICDC (International Career Development Conference)

AP Scholar with Honor

Granted to students who receive an average score of at least 3.25 on all AP Exams taken and scores of 3 or higher on four or more of these exams.

Nexrage Studios Best Intern

Top Performing High School Intern at Nexrage Studios; Awarded offer to work part-time

Eagle Scholar

Granted to students at Allen Highschool for high academic readiness

Robotics State

Qualified for the State level in FRC Robotics