

Varun Kanna

Pleasanton, CA | (424) 567-1423 | varunkanna.me | varunkanna1@outlook.com | [/in/varun-kanna/](https://in/varun-kanna/)
github.com/varun-kanna/

EDUCATION

University of California, Santa Cruz | Santa Cruz, CA

December 2025

Bachelor of Science in Computer Science

Cumulative GPA: 3.92

Relevant coursework: Data Structures & Algorithms, Discrete Mathematics, Linear Algebra, Calculus I, II, and III

Professional Organizations: Association for Computing Machinery, Google Developer Student Clubs, Athletics & Recreation Fund Advisory Committee

SKILLS

Programming Languages: Python, HTML, CSS

Frameworks/Technologies: Flask, Numpy, Pandas, Selenium, Netlify

Tools: Git, GitHub, Notion, Object Oriented Programming, Visual Studio Code

Languages: English, Telugu

PROJECTS

Spotify to Youtube Playlist Converter - Pleasanton, CA

June - Aug 2023

- Developed a custom Python automation tool to streamline playlist conversion by utilizing Exportify and the YouTube Music API to facilitate the process
- Automated playlist conversion to reduce the time needed to add songs on average by 40% and benchmarked this for various album sizes ranging from 100-1000 songs
- Enforced CRUD functionalities to improve the user experience by implementing type checks to account for any errors

NBA Player Comparison Tool - Pleasanton, CA

Apr - May 2023

- Engineered a Python script to compare players by using Pandas & Numpy to handle player objects
- Retrieved specific statistics that contributed to more up to date more comparisons between players by utilizing the NBA API
- Implemented a menu tool to make the process of comparisons much easier with Agile Methodologies

15 Game - Santa Cruz, CA

Jan - Feb 2023

- Refined core game mechanics by leveraging Numpy's array manipulation, culminating in an 80% decrease in processing time
- Increased accessibility of the game by implementing reshuffling and resetting features
- Artfully designed a GUI by empowering players to customize their gaming experience with an array of vibrant square colors by utilizing Tkinter.

EXPERIENCE

Transcend Academics - Pleasanton, CA

Jan - Apr 2022

Tutor

- Tutored underprivileged middle school students with STEM classes, enabling them to overcome educational challenges
- Awarded "Tutor Of The Month" for elevating student's skills by improving their mindset towards classes
- Developed my teaching ability by providing actionable feedback to students, resulting in a remarkable 15% improvement in grades