

Rishaan Kumar

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EDUCATION

- **University of Wisconsin-Madison** Madison, WI
College of Letters and Science; B.S. Computer Science + B.S. Communication Arts (Radio-TV-Film)
 - **GPA: 3.96/4.00**
 - Dean's List Every Semester.
 - **Graduation:** December 2025.
 - **Courses:** Data Structures and Algorithms, Computer Organization, Object-Oriented Programming, Data Visualization, Linear Algebra, Calculus, Discrete Math.

HIGHLIGHTED PROJECTS

- **TrackTheSpot** - *User-Centric Spotify Data Visualization App*
 - Developed a functional web application that tracks users' Spotify data to give them a report of their top artists and songs during different time frames.
 - Integrated the **Spotify API** in **ReactJS** to authenticate account information and retrieve personalized song and artist data before processing the information using **JSON parsing algorithms**.
 - Utilized **OpenAI's ChatGPT API** to give personalized recommendations by using the users' recent listening history as the data set for the LLM.
- **Covid-O-Grapher** - *Real-Time Worldwide COVID-19 Stat Dashboard*
 - Implemented a front-end dashboard using **ReactJS**, and the **disease.sh API** to retrieve data and calculate statistics like New Cases, Total Cases and Total Deaths for each country.
 - Used **Charts.js** that let users interactively view and toggle data visualizations.
- **Python-Protect** - *Cipher-Based Password Manager*
 - Developed a **Password Manager** using **Python** that uses a cipher to encrypt passwords to avoid plain text storage.
 - Encrypted passwords were stored in a **CSV file** formatted for maximum efficiency.
 - Enhanced user cybersecurity by providing a secure and convenient solution for centralizing the storage of various online accounts.
- **Focus Mode** - *Productivity Chrome Extension*
 - Developed a **Google Chrome Extension** using **HTML, CSS and JavaScript** that prevents the user from accessing websites that are often used to procrastinate work.
 - Users would be blocked and redirected if they attempted to access a denylisted website.

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

Frameworks: ReactJS, MySQL, Selenium, JavaFX

Tools: Git, Linux

LEADERSHIP AND ACTIVITIES

- **ALT Magazine** Madison, WI
Video Director *April 2023 – Present*
 - Led a team of over 40 creatives to release magazine issues and projects on topics that cover the cultural identities of students through different artistic mediums.
 - ALT Magazine is a fashion magazine aiming to deliver underrepresented groups' voices on the UW-Madison campus.
- **WSUM 91.7FM** Madison, WI
Radio Show Host *January 2023 – Present*
 - Hosts a weekly radio show that frequently has guests for interviews on diverse topics.
 - WSUM is the award-winning University of Wisconsin-Madison student-run community radio station that averages over 5,000 monthly listeners.