

Vibhrav Jha

✉ vibhrav@gmail.com  [linkedin.com/in/vibhravjha](https://www.linkedin.com/in/vibhravjha)  github.com/v1r4v

EDUCATION

University of Wisconsin Madison

September 2023 - May 2027

B.S. Computer Science and Economics

Current GPA: 3.72/4.0

- **Courses:** Artificial intelligence, Object-Oriented Programming, Data Structures & Algorithms, Embedded Systems, Discrete Math, Linear Algebra, Calculus, Economics, & Statistics
- **Clubs & Awards:** Dean's List (2x), IM Soccer Championship & Soccer Captain, Google Developer Student Club, Economics Student Association, APAC-Soccer Champions

SKILLS

Languages: Java, JavaScript, Python, HTML/CSS, SQL

Frameworks/Tools: React, Next.js, Spring Boot, REST API, Make, Regex, JUnit, Git+GitHub, VS Code, IntelliJ, Excel.

EXPERIENCE

Recreation and Wellbeing | *Supervisor*

Sep. 2023 – Present

- Coordinated and automated scheduling, staffing, and logistics for 50+ athletic programs and competitive events involving over 800 participants. Leveraged advanced management software to streamline operations, resulting in a 15% increase of new participants.
- Led a team of 10-15 staff members, implementing process improvements and using data-driven decision-making to ensure smooth execution of programs.

Pink City Expressways | *Management Intern*

Jan 2022 – Mar 2023

- Managed CRM system tracking 30+ business leads and partner relationships, improving lead conversion rate by 26.67% by increasing successful business partnerships from 15 to 19 within 8 months.
- Negotiated and onboarded 4 contractors to rent idle machinery, used resources more efficiently, generated additional revenue of \$18,000, and reduced costs by connecting with local distributors
- Collaborated with the finance team to develop comprehensive financial models and interactive Excel dashboards for streamlined budgeting processes.

DapperFits | *Founder*

Jun. 2022 – Jun. 2023

- Spearheaded a cross-functional team of 5 to design custom apparel using Blender and Atomxel.
- Increased brand visibility by 40% in one month through innovative creative design and strategic digital campaigns
- Leveraged social media marketing to achieve 600+ sales and a 28% return customer rate.

PROJECTS

Campus Navigator | *Java, Dijkstra's Algorithm, Hashtables, Webservers, HTML*

December 2024

- Engineered a Java-based Campus Navigator application that calculates the shortest paths between 160 + locations on UW Madison's campus using Dijkstra's algorithm and hashtables.
- The HTML interface allows users to input start and end points as well as find the 10 closest destinations from a certain location and visualize the shortest path and know the total travel time.

Inventory-Based Recipe Planner | *React, NextJS, JavaScript, Tailwind CSS, REST APIs*

October 2024

- Designed a web application using React and Next.js, leveraging user inventory to suggest personalized meal plans and recipes; integrated with recipe APIs to access over 10,000 recipes, achieving a 95% match rate between users' inventory and recipe ingredient requirements.
- Developed features for dietary preference filtering, favorite recipe saving, and grocery list management via search, barcode scanning, and receipt scan to enhance user experience and application functionality.