

Raisa Riddhi

Software Developer

Honors student majoring in Computer Science B.S. with a variety of professional experiences. Skilled in leadership, with a strong foundation in math, logic, and coding in C, C++, Java, Python, JavaScript, HTML and CSS.

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EXPERIENCE

UW Housing, UW-Madison — *House Fellow*

August 2021 - Present

Primary contact for 50 residents for a very wide range of areas, including but not limited to: safety, emotional well-being, roommate issues, community and campus involvement and University Housing policy.

Spiel, Yale University — *Summer Ambassador*

June 2023 - August 2023

Assisted with development of the interactive review app designed to share and archive recommendations among friends. Successfully launched the application on the App Store. Enhanced the app's functionality by implementing updates and introducing new features.

Media Dept, Scholastica — *Head of Media*

January 2019 - December 2019

Developed strategies and converted ideas into concrete tasks and delegated tasks to individuals and other departments for all sorts of events. Managed the IT team and collaborated with other depts.

EDUCATION

University of Wisconsin-Madison — *B.S.*

August 2020 - May 2024

Computer Science (B.S.)

Dean's List: Fall 2020, Fall 2021

Honors in the Liberal Arts (B. S.)

Scholastica School — *High School Diploma*

August 2016 - May 2020

Member of Honor List (9th, 12th Grade) • Member of High Honor List (10th, 11th Grade) • Awarded for Leadership • Received Daily Star Award and Daily Sun Award for excellent performance in O Levels and A Levels

SELECT PROJECTS

Song Search App: Users can find the titles, artists, and publication years for songs by searching for individual words in song titles.

Class Route Planner: This app can be used to find the shortest path along different buildings on a school campus. Used by students who are trying to plan routes from a starting place to their class.

Enigma Machine: Enigma machine uses rotors to encrypt and decrypt messages. Users can choose which rotors to use and in what order they will be applied.

Office Hours Waitlist: A streamlined system designed to manage college course office hours. It connects students and TAs, simplifying scheduling and enhancing time management.

COURSEWORK

•Object Oriented Programming
•Data Structures •Algorithms
•Machine Organizations •Linear Algebra •Operating Systems
•Artificial Intelligence •Java
•Advanced C •Human-Computer Interaction •Software Engineering