

# Priyanshi Mapara

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## EDUCATION

### University of Wisconsin - Madison

Major: *Bachelor of Science* in Computer Science  
Certificate/Minor: Theater

### Madison, Wisconsin, USA

Junior, Expected Graduation, May 2023

## SKILLS:

Java • C • Python • JavaScript • HTML5 • CSS3 • Version Control - Git • SQL • Adobe Creative Suite • Bash/Shell

## RELEVANT COURSEWORK:

Data Structures and Algorithms • Object-Oriented Programming • Operating Systems • Database Management System • Computer Architecture • Digital Logic Design • Discrete Mathematics • Machine Programming and Organization

## PERSONAL PROJECTS:

### Movie Rating Application:

Objective: The app is a movie library that saves movies and associated ratings in an automatically updated order.  
Tools/Data Structures: Java, Implementation of a Red-Black Tree that is used for storage of movies, scores, and order, along with methods that retrieve information from the tree, JUnit used for testing.

### Song Search Application:

Objective: The user can find the titles, performing artists, and publication years for songs by searching for individual words in song titles.  
Tools/Data Structures: Java, A Hash Table will be used to associate individual words from the titles of songs (keys) with lists of songs that contain that word in their title (values), JUnit is used for testing.

### Astron - A Customized Software for Jariwala Trading Company

Objective: To create efficient user interfaces for the software involving tangible Interaction.  
Tools: Java, NetBeans, Adobe Photoshop, Adobe Illustrator, Wireframes, and Mockups with Adobe XD.

### Productivity Application

Objective: An app to maintain productivity using a to-do list with a to-do input form, search functionality, and local storage login authentication.  
Tools: React.js, Node.js, CSS3, HTML5, JavaScript.

### College Database Management System

Objective: To organize a database and essential student and faculty records of a college.  
Tools: Created a GUI using Python's Tkinter toolkit as the frontend, and a database using SQL.

## WORK EXPERIENCE:

### PEOPLE Program (Division of Diversity, Equity & Educational Achievement)

Madison, Wisconsin, USA

Front Desk Position

9/2021 - Present

- Handle department correspondence, phones, and email, and respond to requests for information.
- Pick up and sort daily incoming correspondence.
- Working with a diverse team.

### Jariwala Trading Company

Surat, Gujarat, India

Web Developer (<https://jariwalatradingco.com/>)

01/2021 - 04/2021

- Developed websites and landing pages for client projects from idea to deployment with an understanding of web markup, including HTML5, CSS3, and JavaScript.
- Created mockups and designed different prototypes for both web and mobile views of the website. Implemented new responsive, mobile-first approach which yielded a 10% increase in mobile traffic.
- Generated quality graphics and visual elements for the front end of the website.

### Trivy Technologies Pvt. Ltd.

Mumbai, Maharashtra, India

Graphic Design Intern

2/2020 - 6/2020

- Worked with a tech startup dealing with luggage management on airports using a web application and a mobile app working on IOS and Android.
- Collaborated with writers and producers to create unique designs to translate artistic vision into a visual medium in line with the company vision.
- Designed art, layouts, color story, typography, and user interface elements for the mobile application, website, and social media.