

MIHIR TRIVEDI

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Education

University of Wisconsin - Madison

Bachelor of Science in Computer Science

Sep 2021 – May 2025

Madison, WI

Relevant Coursework

- Data Structures
- Database Management
- Machine Organization
- Discrete Math
- Software Methodology
- Digital Practices
- Internet Technology
- Computer Architecture

Projects

Radized: Radiology Digitized | *PHP, MySQL, JavaScript, HTML, CSS, AWS, Git*

Jan 2022

- Developed a PHP website with SQL DB that helps doctors provide radiological interpretations to diagnostic centers.
- Reduced time to interpret scans by 80% by optimizing and streamlining scan assignment to doctors.
- Managed the elastic cloud compute instances of the website on Amazon Web Services.

NeoConvo | *PHP, MySQL, R, HTML, CSS, Heroku, Google Search Console*

Apr 2020

- Created a PHP social networking website that allows users to post, message, and connect with other users.
- Managed SQL queries and cron jobs for generic DML queries.
- Organized HTML and XML files to get a better SEO score for higher Google Search rankings.
- Analyzed search trends worldwide for social networking websites and interpreted website statistics via Google Analytics and Google Search Console.
- Used R programming language to provide concise visual representations of statistics.

Flora Counselling Services | *Python, PyQT5, MySQL, CSS*

Apr 2020

- Created a Python application for over 2000 students to make counselling services more accessible in over 10 schools.
- Used PyQT5 to create a GUI that supports actions such as creating an account, editing profile, managing counsellors, scheduling appointments, and viewing usage statistics.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Python, Java, PHP, C, R, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Amazon Web Services

Technologies/Frameworks: Linux, GitHub, JUnit, Jira, BitBucket, LaTeX, Git

Leadership / Extracurricular

Plavior

May 2022 – Aug 2022

President

Madison, WI

- Collaborated with homeless shelters such as Porchlight Inc and The Beacon to provide technical skills such as Microsoft Excel to over 30 underprivileged people over 50 hours per month.
- Managed and assessed the skills of every individual via tests and interviews and leased them to technology companies.
- Won the Dream Big Award issued by the Wisconsin School of Business.

Student Government

Mar 2020 – Aug 2021

President

Pune, MH

- Served as part of the organization's leadership team; responsible for improving school safety, sports, environment, and well-being of students.
- Organized, planned, and executed online events to help juniors navigate high school during the pandemic.

Google Student Developer Club

Dec 2021 – May 2022

Member

Madison, WI

- Participated in the Google Solutions Challenge 2022 to solve one or more of the United Nations' 17 Goals.
- Developed the front-end of a progressive web application that helps grocery stores connect with non-profit organizations for better food distribution to underprivileged sections of society.

Awards

Dream Big Award - \$1,000

May 2022

Issued by the Wisconsin School of Business

Madison, WI