

# Aditi Sunil

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## EDUCATION

University of Wisconsin - Madison | B.S. Computer Science & Data Science | Graduation: December 2025

## EXPERIENCE

### Information Technology Internship | 05/2024 - PRESENT

#### Johnson Controls, Milwaukee, WI

- Developed an automation solution for the ServiceNow ticketing system using Power Automate, streamlining onboarding processes and reducing manual workload by automating task assignments and notifications
- Researched and presented use cases for Microsoft Copilot to enhance productivity and collaboration, while educating colleagues on best practices for utilizing digital transformation tools to improve workflow efficiency
- Architected and developed a customized application utilizing Microsoft Power Apps designed for distributing surveys among users
- Created a Power BI dashboard to analyze and visualize data from user survey responses regarding their Copilot usage

### The Development and Integration of Medical Chatbots | 09/2023 - 04/2024

#### Molecular Imaging/Magnetic Resonance Technology Lab, Madison, WI

- Conducted research on integrating AI technology into healthcare by developing an equitable medical chatbot focused on kidney cancer
- Employed Python and leveraged OpenAI's GPT-3.5 Turbo, GPT-4, and other LLMs to develop the chatbot functionality
- Utilized and explored the effectiveness of Retrieval-Augmented Generation (RAG) techniques to enhance the chatbot's ability to read and interpret kidney cancer research papers, improving the quality of its responses
- Developed an interactive GUI using Gradio, JavaScript, and CSS

## PROJECTS

### Yoga4You App | Accepted to UW-Madison CS Nest Program | Acting as UI/UX Designer & Developer

- Developing Yoga4You, an app that generates custom yoga sequences based on user preferences, skill progression, and goals
- Designing the UI for both the web application (React) and the mobile app, focusing on intuitive navigation and real-time feedback to correct yoga poses, enhancing user experience across platforms

### Second Serve | Leftover Food Marketplace App (Kotlin) | Acting as UI/UX Designer & Developer

- Developing a mobile app that allows restaurants to list leftover food items at reduced prices for college students, helping reduce waste and offering affordable meals
- Integrated location services to show nearby restaurants and push notifications to alert students of new food items

### Movie Recommendation App | Java

- Designed and implemented a movie recommendation model that offers personalized recommendations based on optimal movie lengths for users' available time slots, enhancing user experience through tailored suggestions
- Leveraged a Red-Black Tree data structure to efficiently manage and sort movie data by duration, enabling rapid insertion and retrieval of information

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, HTML, CSS, Javascript, Kotlin, React, SQL, R

**Tools & Technologies:** Git, Docker, Power Automate, Azure DevOps, Power Apps, Power BI, Microsoft Copilot, VS Code

**Libraries & Frameworks:** Flask, Gradio, NumPy, React, dplyr, tidy, ggplot

## ACADEMIC & EXTRACURRICULAR INVOLVEMENT

**Academic Achievements:** Dean's List: Spring 2022-2023 & Fall 2023-2024

**Special Programs:** Grand Challenges Scholars Program focusing on Artificial Intelligence (UW-Madison)

**Clubs:** Society of Women Engineers, WebDev UW, Girls Who Code, The Open Seat Food Drive, American Red Cross