Girish Dodda

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EDUCATION

UNIVERSITY OF WISCONSIN - MADISON   Madison, WI
Bachelor of Science   Expected May 2025
Major in Computer Science and Data Science
Cumulative GPA: 3.79/4.0; Dean's List 2022-2023
Relevant Coursework: Data Structures & Algorithms; Computer Engineering; Artificial Intelligence (Python, Tensorflow, Torch)

WORK EXPERIENCE

LINCOLN PRIVATE JETS   Miami, FL
Mobile App Developer Internship   Jun 2022 – Aug 2022
- Addressed and resolved software bugs in **Angular** applications, ensuring functionality and user experience.
- Independently led the transition of a web application from **Angular** to **React Native**, enhancing mobile compatibility and performance.
- Documented key design patterns and solutions for use in future development cycles.
- Performed data modeling and testing to maintain high standards in both **Angular** and **React Native** projects.

UNIVERSITY PROJECTS

Passcode App for Wear OS   Aug 2023
- Engineered a **Wear OS** app for Galaxy watches using **Android SDK**.
- Integrated **Github Actions** for secure handling of university dual authorization passcodes.
- Enhanced user convenience in the authentication process.

Conway's Game of Life   Jul 2023
- Developed a project to explore Conway's Game of Life, focusing on **cellular automata** using **Processing 5**.
- Gained expertise in transformations and scaling for zooming and dragging functionalities.

Battleship with Databases   Dec 2022
- Reimagined the classic multiplayer game Battleship with a modern twist.
- Initiated with Peer to Peer connections using **PeerJs**, later integrating **Firebase Databse** for database functionality.

AI Flappy Bird   Aug 2021
- Designed a Flappy Bird clone as a **neuroevolution** demonstration.
- Utilized **TensorFlow.js** and The Coding Train's neural network library.

HACKATHONS

Empty Fridge (MadHacks 2023 - Best Sustainability Hack)
- Developed a recipe app using **Puppeteer JS** for web scraping, providing recipes based on available ingredients.
- Employed **JavaScript**, **HTML5**, and **CSS** to design and implement the website..
- The project aimed to reduce food waste and promote sustainable cooking.

Ready, Set, Go! (St3am - Best Engineering & 2nd Best Overall)
- Implemented a project using **Arduino** boards and IoT technology.
- Created a network of personalized communication devices to enhance student-teacher interactions.

Baba (HackVH - 2nd Best Overall)
- Collaborated on developing an app for AP exam preparation using **JavaScript** and **Firebase Database**.
- Integrated **JavaScript**, **HTML5**, and **CSS** for the website development.
- Utilized collective computer science skills to create an efficient and interactive study tool.

ADDITIONAL

Technical Skills: JavaScript; HTML 5; CSS; Java; Arduino; Python; Android SDK; Node.js; Git; Github; Google Drive; Adobe
Languages: Fluent in English, Telugu
Certifications & Training: Leetcode 200: Easy 83, Medium 114, Hard 3
Website: https://mrblacklicorice.github.io/