

# Chan Hen

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## Summary

A motivated new graduate seeking professional opportunities to refine skills, gain practical insights, and expand my knowledge beyond academic boundaries. Importantly, I am eager to handle hands-on experiences in a real-world setting.

## Experience

### Software Engineer - Nodeoven

Aug. 2025 - Present

- Designed and prototyped an intricate mobile app in Figma, then implemented it in React Native with TypeScript to manage a lender's dashboard for commercial mortgage loans.
- Transitioned to developing a Progressive Web App using modern frameworks such as Next.js and Tailwind CSS for improved scalability and performance.

## Education

### University of Wisconsin-Madison

Bachelor of Science in Computer Science  
Bachelor of Science in Data Science  
GPA: 3.571 | Graduation Date: May 2025

## Soft Skills

- Strong collaborator
- Adaptable and quick learner
- Focused on finishing the task at hand
- Excellent problem-solving
- Creative thinker

## Technical Skills

- **Programming Languages:** Java, Python, C, SQL, R, TypeScript
- **Frameworks & Libraries:** React.js, React Native, Next.js, Tailwind CSS, Expo Go
- **Tools & Technologies:** Kafka, Docker, Cassandra, Spark, BigQuery, HDFS, Google Cloud, Git, GitHub, Vim, Jupyter, RStudio, Figma
- **Operating Systems:** Windows, Ubuntu, macOS

## Projects

### BadgerChat [Academic]

Developed BadgerChat, a React project serving as a bridge to React Native. Built a web app for people to chat across rooms using a real API, emphasizing responsible communication. Successfully transitioned BadgerChat into a mobile application, showcasing adaptability and mobile development skills.

**Web:** <https://github.com/CS571-S24/hw6>

**Mobile:** <https://github.com/CS571-S24/hw9>

### Admin Dashboard [Personal]

Created an interactive web portfolio documenting my journey through the Odin Project, enhancing user engagement through JavaScript, HTML, and CSS. Implemented navigation to individual project GitHub repositories and webpages.

<https://officialchanhen.github.io/TOP-admin-dashboard/>

### Loans HDFS & SQL [Academic]

Developed and deployed a data system consisting of an SQL server, an HDFS cluster, a gRPC server, and a client. Filtered data from a SQL database, utilized PyArrow to interact with the HDFS, and processed Parquet files. Furthermore, the application is fault tolerant to HDFS DataNode failures.

<https://git.doit.wisc.edu/cdis/cs/courses/cs544/s25/main/-/tree/main/p4>