

Jackson Glisczinski

CONTACT



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EDUCATION

University of Wisconsin - Madison
B.A., Computer Science
B.A., Information Science

Certificate in Digital Studies
Graduation in 05/2023
3.724 GPA

SKILLS

- HTML, Vue, React, CSS, JavaScript, TypeScript
- Python, Java, C#, C, SQL, .NET, PHP, MongoDB
- Experience in Figma, Photoshop, Illustrator, and Blender/Rhino
- Computer hardware knowledge and troubleshooting

EXPERIENCE

CaTS Intern, 05/2021 - Current

Epic (Computer and Technology Services) - Verona, WI

- Developed and maintained a full stack campus delivery application that displayed floor plan maps with highlighted rooms based on a custom input of offices; aggregated office data, coordinates, and occupant info from SQL databases into corresponding interactive room components.
- Member of development team for internal website (CaTS Computer Database) which was used department wide. Integrated maps application and utilized .NET framework with TypeScript and Vue.js front end.
- Closely mentored five other CaTS assistants and demonstrated all department operations and protocols to them, such as HelpDesk, preparation for upwards of 500 monthly new hires, campus navigation, and development.

PROJECTS

Discord Bot, **Co-Owner**

- Created a Discord bot designed for and used by NFT communities, written in Python using Pycord as a two-man development team.
- Allowed users to call “slash commands” which were automated tasks to assign server roles, create channels, track NFT assets, and more.
- Optimally fetched and tracked NFT collection data from a rate-limited API to display accurate, up-to-date information to the user.

Gym Tracker, **Creator**

- Developed an application to view charted occupancy trends of the main UW campus gym, by using web scraping from the UW Recreation & Wellbeing website.
- Utilized a Python script running locally on a Raspberry Pi, which would collect and push data to a MySQL database. Front-end built in HTML, CSS, PHP, and JavaScript.

COURSEWORK

Software Engineering, **Semester-long group project**

- Contributed full-stack development to production of a fitness-focused dating app in a six-person group; built with FastAPI (Python), React, and MongoDB.
- Implemented user authentication, matching algorithms, server-side image storage with GCP, database management, UX design, and GitLab version control, all while practicing Agile methodologies like Scrum and Extreme Programming.

Building User Interfaces, **Weekly projects with a focus on UX/UI**

- Developed four web applications in React, three mobile applications with React Native, and a voice user interface utilizing Dialogflow.

Intro to Artificial Intelligence, **Weekly Python projects**

- Worked on several projects implementing PCA, hierarchical clustering, Bayes' rule, linear regression, Pytorch, neural networks, LeNet architecture, minimax in games, and A* algorithm.