Gin Park

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Summary

Dedicated and goal-oriented computer science junior with demonstrated leadership and collaborative skills. Interested in frontend and backend software development.

Education

University of Massachusetts Amherst — Expected 2026
Bachelor of Science in Computer Science — 3.54 GPA

Coursework: Web Programming, Software Engineering, Algorithms, Programming Methodology & Testing

Skills

Programming Languages: Python, Java, JavaScript, HTML/CSS, TypeScript, C, SQL
Frameworks & Libraries: Node.js, Express.js, Sequelize, SQLite, PostgreSQL, Socket.io, Jest
Tools: Git, Bash

Projects — github.com/ginpks

URide – Rideshare Web App — Fall 2024
- Led a team of 7 as project manager in building a full-stack web application for facilitating student ridesharing
- Developed RESTful APIs to enhance client-server communication and enable efficient data management
- Implemented direct messaging between users using Socket.io, storing chat messages in SQLite database
- Designed user model for account creation and storage in SQLite database using Sequelize
- Constructed user-friendly, dynamically responsive front-end components for direct messaging page

Trivia Time — Fall 2024
- Designed an interactive trivia game application using HTML/CSS and JavaScript
- Implemented dynamically generating quiz questions, score tracking, and performance feedback
- Retrieved and processed questions from an external API, ensuring unique questions each round

Sudoku Solver — Fall 2023
- Designed an algorithm to solve sudoku puzzles using Python

University Weather Data Application — Spring 2023
- Led a team of 3 in constructing an application that retrieves weather data using JavaScript
- Retrieved and processed weather data at various university locations using multiple external APIs
- Wrote mock tests for API fetching using Jest
- Utilized Git version control to distribute work and implement changes

Experience

Student Advisory Board Member, First National Bank – Madison, AL — August 2021 – May 2022
- Planned and coordinated social events
- Conducted personal finance presentations to elementary and middle school students

STEM Tutor – Madison, AL — May 2021 – May 2022
- Assisted students with chemistry and mathematics ranging from elementary to high school curriculum
- Developed lesson and study plans to facilitate and enhance academic performance

Activities

Cooking, Running, Gaming, Kickboxing/Brazilian jiu-jitsu