

Gin Park

gspark@umass.edu | ginpks.github.io | github.com/ginpks | linkedin.com/in/ginpks

Summary

As an aspiring developer, I am passionate about collaborating on innovative projects to enhance my programming expertise and strengthen my communication skills.

Education

University of Massachusetts Amherst

Expected 2026

B.S. in Computer Science

3.5 GPA

Coursework: Web Programming, Algorithms, Programming/Testing Methodology, Computer Systems Principles, Probability, Discrete Math

Skills

Programming Languages: Python, Java, JavaScript, HTML/CSS, TypeScript, C

Frameworks & Libraries: Node.js, Express.js, Sequelize, SQLite, Socket.io, Jest

Tools: Git, Bash

Projects

URide – Rideshare Web App | github.com/ginpks/URide

Fall 2024

- Led a team of 7 as project manager in building a full-stack web application for facilitating student ridesharing
- Developed RESTful APIs that enhanced client-server communication and enabled 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
- Developed user-friendly, dynamically responsive front-end components for direct messaging page
- Used Git version control for distribution of work and group code review

Trivia Time | github.com/ginpks/trivia-quiz

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 | github.com/ginpks/project

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, Mixed-Martial-Arts