KAIDEN JONES

(940) 205-0792
kaidenhj@icloud.com
GitHub: kaidenhj
LinkedIn: linkedin.com/in/kaiden-jones-16888b2b2/

EMPLOYMENT OBJECTIVE

Passionate technology professional committed to leveraging innovation for meaningful impact. Seeking a role where I can apply my technical expertise and problem-solving skills to develop solutions that address real-world challenges.

PROJECTS

ITHACA COLLEGE UTILITIES DATABASE

Developed a database and UI system within Google Workspace, integrating a PDF data scraper to streamline billing data collection. The system centralizes utility usage and financial information for the school, enabling efficient data management. SQL was used to design and structure the database, JavaScript (Google Apps Script) facilitated UI interactions and database queries, and Python powered the PDF scraper for automated data extraction.

TAME – TIME AWARENESS AND MANAGEMENT EVALUATION

Developed a trial-base game to collect and insert data retrieved during the trials. Utilizing the Godot to develop 2D games and a user interface, users engage in four separate trials for predetermined durations. Each trial tests a specific aspect of time blindness. Each trial type compares stored times with user-collected times, which are then inserted back into storage.

SIGNWORKS – AMERICAN SIGN LANGUAGE FINGERSPELLING WEBSITE

A website designed to teach and reinforce the ASL alphabet. The platform includes a fingerspelling game and a video questionnaire to enhance user engagement and learning. Developed in Python using Flask for the backend and Bootstrap for the frontend to create a responsive and user-friendly interface. The website is designed to integrate with an SQL database to manage user data, game results, and questionnaire responses efficiently.

EMPLOYMENT

RESEARCH ASSOCIATE

Ithaca College computer science department
Ithaca, NY | Jun 2024 – Aug 2024

- Conducted research on computational methods and their applications, assisting in the development of software systems to support ongoing projects.
- Designed and executed experiments, analyzed data, and compiled findings into actionable insights or documentation.
- Wrote and maintained code for project prototypes or simulations to support research outcomes.

TEACHING ASSISTANT

Ithaca College computer science department
Ithaca, NY | Jan 2024 – Dec 2024

- Held teaching sessions to help students reinforce their understanding of course material.
- Provided individual feedback to students to clarify and contextualize specific issues.
- Built and developed positive relationships with students, professors, and peers.

EDUCATION

Ithaca College, Ithaca, NY | Graduated December 2024
Bachelor of Science in *Computer Science*
Minor in Deaf Studies
GPA: 3.5/4.0

RELEVANT CLASSES

- Software Engineering | Spring 2024
- Algorithms and Data Structures | Fall 2023, Spring 2024
- Machine Learning | Fall 2024
- Database Systems | Fall 2024

SKILLS

LANGUAGES

- SQL
- JavaScript
- Python
- Java
- HTML
- CSS
- Swift
- GIS
- GD script
- Racket

SOFTWARE RELATED

- UML Diagrams
- Bootstrap
- jQuery
- Version Control
- Agile/Scrum development
- Test-driven development

SOFT SKILLS

- Problem-solving and critical thinking
- Communication
- Team collaboration
- Time management
- Creativity and adaptability
- Self-learning