Junshen (Jason) Tao

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Career Objective

Analytically minded self starter that is seeking a data science internship. Willing to take on new challenges while learning about data mining skills.

Education

Purdue University, (West Lafayette, Indiana) *December 2024*
Bachelor of Science in Computer Science *GPA: 3.37*
Bachelor of Science in Data Science
Coursework: Data Structures and Algorithms, Object Oriented Programming, Discrete Math, Linear Algebra

Skills

- Languages: JavaScript (React), HTML, CSS, Python, Java SQL, R, C
- Tools: Github, VSCode, Adobe Suite, Excel, Jupyter Notebook, GCP, Heroku, Google Analytics

Projects

Differentiating Sorting Algorithms
- Distinguished algorithms based on the number of data comparison and movements *February 2023*
- Employed diverse datasets to enhance comprehension of algorithmic functions
- Saw the efficiency of quicksort variations (fixed/randomized pivot and 2/3 way partition)

Stocks Visualization Website *August 2022*
- Displayed multiple stock charts with technical indicators simultaneously based on stock input
- Gave users customization options with line colors and indicator length
- Built with Python (matplotlib, pandas, numpy, streamlit), utilized google cloud storage

Personal Website (https://jtao-site.herokuapp.com/) *July 2022*
- Built with React, HTML, and CSS
- Designed on Figma and deployed on Heroku

Quiz Learning System *December 2021*
- Allowed teachers and student create and grade quizzes concurrently, saved user profiles
- Worked with others to divide the project equally and set biweekly goals
- Utilized Java: file i/o, sockets, swing

Work Experience

Statistics Grader (stat416) - Purdue University *January 2023 - Current*
- Grade and provide feedback on 84 assignments weekly
- Create explanations to homework question for students

Activities

Historian - Asian American Association *September 2022 - December 2022*
- Manage and update club weebly website every week (https://jtao-site.herokuapp.com/)
- Prepare, shoot, and edit photos in various events
- Collaborate with others to plan future events in weekly meetings

Crew Member - McDonalds (1298 S Naper Blvd, Naperville, IL) *May 2022 - August 2022*
- Improved the store to rank 2nd among 25 local McDonalds for average order completion time
- Trained and mentored 2 new employees in multiple positions
- Completed daily tasks of cleaning the store and restocking inventory
- Helped fulfill customer orders in the cashier, drive-thru, and food prep positions

Secretary - Cavalier Club (Harrison Hall) *September 2021 - May 2022*
- Hosted 4 food events, serving over 200 people at each event
- Produce and document weekly goals to monitor progress and manage expectations
- Analyze and manage historical club documents