Shengjie (Jay) Liu

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EDUCATION & SKILLS

University of Maryland, College Park – Information Science/Undergraduate   Anticipated Graduation - May 2024

Skills: Python, R Studio, MySQL, JavaScript, CSS, HTML5, Pandas.   Operating System: Windows

Relevant Courseworks: Intro to Prog for Info Sci   Statistics for Info Sci

Obj-Oriented Prog for Info Sci   Database Design and Modeling

User-Centered Design   Intro to Data Visualization

Languages/Recognitions: Dean's List Student, Seal of Biliteracy, Chinese Mandarin, Spanish (Basic),

PROJECT EXPERIENCES

Montgomery County Crime   *College Park*   Spring 2023
- Analyzed crime data for Montgomery County using MySQL system and normalization to identify patterns and trends in reported and attempted crimes.
  - Conducted analysis on location types and their association with specific types of crime, enabling law enforcement agencies to allocate resources more effectively.

Library Management System   *College Park*   Fall 2022
- Automated the traditional manual process of managing library operations to improve the efficiency and accuracy of managing a library's resources and users.
  - The system includes several modules for managing books, members, lending, and returning. The books module allows the librarian to add, update, and delete books from the library's inventory.

Analyzing NBA Player Statistics   *College Park*   Fall 2022
- Analyzed NBA players' personal profile, scoring and shooting efficiency in detail to gain a deeper understanding of NBA players.
  - Performed qqnorm, Shapiro test, t-test etc. to investigate their performance.

WORK EXPERIENC

Shanghai Glocal Consulting Group · Internship   *Remote*   Summer 2023
- Collaborate on project planning and execution, ensuring milestones are achieved. Conduct research, analysis, and provide proactive project support while embracing assigned duties from supervisor.

Christian Church in Rockville – Web Administrator – Full time   *Rockville*   Summer 2023 - Present
- Collaborated closely with church leadership and staff to implement website updates, feature integrations, database management and design improvements that aligned with the organization's vision and goals.

Wang Manor – Waiter – Full time   *Derwood*   Winter 2021, Summer 2022
- Collaborated with kitchen and bar staff, ensured excellent customer service by taking orders and serving food promptly.

Pate A Cake – Cashier – Part time   *Gaithersburg*   Feb 2021 – Sept 2021
- Consistently provided a positive customer experience with fair, friendly, and courteous service while efficiently handling phone calls and online orders.

LEADERSHIP EXPERIENCE

World Bank Youth Summit 2023 – Delegates & Finalists of Case Challenge   **Summer**   2023
  - Collaborated with a team of change makers to design a solution to drive global impact, spotlights development solutions that are generated locally, elevated globally, and scaled cross-regionally.

Chinese Students and Scholars Association – Deputy Secretary   **September**   2021 – 2023
  - Monitoring and following up on the work of each department, ensuring timely completion of tasks and coordination of data.