Zhiyan Zhu

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Education

M.S., Computer Engineering   Expected 3/2024
UC San Diego

B.A., Logistics Engineering   Graduated 6/2022
South China University of Technology
- Third-class scholarships & University-level Outstanding Cadre
- Data Science Program – Winter Course, UCLA   2/2020

Skills & Qualification

Skills:
- Java, Python, C++, JavaScript, HTML, CSS, NodeJS, React (Programing & Web Development)
- SQL, ETL, MongoDB, AWS (Database)
- Tableau, PowerBI (Data Analysis)
- Adobe Audition, Photoshop (Others)

Bootcamp: Udemy the Web Developer

Projects / Internship Experiences

Full Stack Personal Blog – Babblogs (demo) | GitHub Repo
- Build the backend server and utilize the MongoDB and a data folder structure.
- Implement the web application using frontend framework React with the self-built backend APIs.

Web Developing – Portfolio | GitHub Repo
- Design a responsive web portfolio with customized Material-UI component library.

Amazon   3/2022 – 7/2022
Internship in Program Management Team of Amazon Private Brands
- Use SQL in Hubble to pull out 80GB data from Redshift and create datasets, analyzing the historical selling performance over 20 indicators and providing insights to help business leaders take data-driven actions.
- Write code and visualize the data into a QuickSight dashboard application, which provides a one-stop platform to automatically track business development, saving manual work and increase the efficiency for MBR over 5 times.
- Work internationally and cross-functionally with business and tech teams and create a logistics visualizing solution, which optimize previous code quality, increase the reliability, and reduce the analysis work time from 6 hours' manual work to daily auto refresh.

Shopee   6/2021 – 9/2021
Internship in Shopee Cross Border Sourcing & Business Transformation Team
- Collect the research works of third-party logistics provider and set up a evaluation model to rank suppliers, which accelerated the sourcing process to find agile partners over 3 times.
- Use Excel to make weekly comparative analysis of 5 targeted airports' freight volume with Shopee's capacity data.

Activities

President, Guitar Association.   6/2019 – 9/2020
- Organize large campus events, such as the Band Culture Festival, attracting over 1000 audiences.

Keyboard Player of the band Stargaze   10/2018 – 12/2021
- Performed original songs on over 5 campus shows