Jack Jiali Zhu

San Francisco, CA

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EDUCATION

University of California, Davis   Graduation Date: 03/2021
Bachelor of Science, Computer Science
Cumulative GPA: 3.63/4.0

San Jose State University, San Jose   Graduation Date: 06/2023
Master of Science in Artificial Intelligence

SKILLS SUMMARY

- **Programming Languages**: C, C++, Python, JAVA, Swift, Bash/Shell, Go, JS, HTML, CSS, React.js.
- **Database and Languages**: Netsuite Oracle, Veracross, MySQL, SQL Server, and SQL.
- **Spoken Languages**: English, Mandarin, and Cantonese.
- **Courses**: Data Mining, Machine Learning, AI & Data Engineering, Data Structures, Math Foundations for Decision & Data Science, Probability, and statistics.

EXPERIENCES

Database and Tech Specialist   6/2021- Present
Chinese American International School - San Francisco, CA

- Research, troubleshoot, and follow-up on parents' and teachers' inquiries and problems.
- Work closely with admin staff to support school milestones such as enrollment, scheduling, reports.
- Implement, monitor, and maintain API connections between disparate data systems.
- Design database elements, retrieve data for reports, maintain, debug, and run tests on MySQL, Netsuite Oracle, and Veracross databases.

IT Support Summer Intern   6/2016 - 5/2021
Chinese American International School - San Francisco, CA

- Level 1/ Level 2 troubleshooting and problem-solving.
- Collaborated with the IT Manager for managing servers and switches through Meraki and back-checked the system if needed.

Software Engineering   9/2020 - 12/2020
Machine Learning Class Project for Business Recommendation system

- Used Node.js as backend framework and react as frontend development for the project website.
- Built, and applied the linear regression, logistics regression, and K-cluster models to improve the true positive with the dataset size of 100GB.
- Participated in tuning the linear and logistic regression model using Python with NumPy, Pandas, Scikit-Learn, Keras, Matplotlib.

Full-Stack Website Developer Intern   6/2019 - 9/2019
BeenThere - Online Remote

- Applied socket.io to develop a customized communication feature tool to achieve more data for future training purposes.
- Created a user authentication API using Node.js and express to distinguish users and staff.
- Stored the user data and account information in the Mysql database.
- Hosted and managed the website through AWS server to increase user accessibility.