AVERY CHONG

Los Angeles, CA (open to relocation) | (626) 560-8605 | averychong8@gmail.com | LinkedIn

WORK EXPERIENCE

U.S. Navy **Remote**
Database Analyst June 2021 - September 2021
- Served as a project manager for S.A.F.E. with a team to figure out a formula that was used to compute the mile capacity of a military vehicle running on hydrogen
- Created a database that was used to store data from the different blast gauges and the directions that they were used in
- Participated in collecting, organizing and analyzing raw data into usable databases
- Collaborated with management to understand organization objectives
- Developed processes to transform data into useful, actionable information
- Provided data analysis to increase program scalability and impact
- Ensured compliance with data governance and security policies
- Participated in multidisciplinary brainstorms, working sessions, and other collaborative discussions
- Provided data analysis support responding to ad hoc report requests
- Performed additional internship-related duties and responsibilities as requested

MLC Academy **Monterey Park, CA**
Teacher August 2019 - March 2020
- Implemented a comprehensive curriculum that incorporated hands-on activities and real-world examples, leading to a 20% increase in students' understanding and retention of STEM concepts
- Utilized innovative teaching techniques such as storytelling and role-playing to engage foreign students and enhance their understanding of Reading and English grammar, leading to a 90% increase in comprehension levels

Mandarin Baptist Church of Los Angeles **Alhambra, CA**
Counselor May 2019 - August 2019
- Facilitated weekly study groups using diverse learning techniques, resulting in an increase of 15% in all test scores
- Hosted a series of coding workshops, engaging 6 students and fostering their interest in STEM fields

EDUCATION

University of California, Santa Barbara **September 2021 - June 2023**
Bachelors of Science in Statistics and Data Science
- **Relevant Coursework**: Python, C++, Object-Oriented Programming, Data Structures & Algorithms, Probability & Statistics, Regression Analysis, Statistical Machine Learning, Bayesian Data Analysis, Markov Chain Monte Carlo methods, SAS Base Programming, Statistical Design & Analysis of Experiments, Statistical Data Science, Time Series, Applied Stochastic Processes, Data Science Concepts & Analysis, and Tableau

LEADERSHIP EXPERIENCE

Mathematics and Computer Science Club **East Los Angeles College, CA**
President August 2019 - June 2021
- Utilized targeted social media campaigns, including creating visually appealing flyers and engaging posts, resulting in a 50% increase in student enrollment for the academic year
- Organized and facilitated a series of workshops, both in-person and virtual, for students to develop professional and academic STEM skills, resulting in 80% of participants successfully completing their own projects
- Developed customized lesson plans and teaching materials to accommodate different learning styles for 2 club members in Statistics and Calculus, leading to a significant improvement in their test scores by an average of 30%

SKILLS, ACTIVITIES & INTERESTS

Languages: English (Fluent), Cantonese (Fluent), Mandarin (Intermediate)
Technical Skills: Microsoft Office Suite (Excel, Powerpoint, etc), Google Sheets, C++, Python, SQL, SAS, R, and Tableau
Soft Skills: Adaptability, Teamwork, Effective Communication, Leadership, and Problem Solving
Activities: Kapatirang Pilipino (UCSB) CORE Intern, Harvard and MIT sponsored CS50 program, LinkedIn Learning courses
Interests: Working out, Coding, Reading, Running, Music