Andy Jiang

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Education

UNIVERSITY OF MARYLAND COLLEGE PARK   College Park, MD
Computer Science, Cybersecurity or Software Development.   May 2025
Relevant Coursework: Algorithms and Data Structures, Abstractions, Object-oriented software development, Computer systems and Threads, Dynamic Data Structures, Dynamic Memory Management, Process Control, System Programming, Libraries and Linking, Assembly/Architecture Language, and Multithreaded Programming with Pthreads.
Clubs: Student run modeling/rendering of interactive local UMD weather models with JavaScript. Korean Student Association, Vietnamese Student Association, and Chinese Student Association.

CARAVEL ACADEMY   Bear, DE
Graduated with high honors.   June 2021
2nd in Region for Math Olympiad. Member of Varsity Wrestling and Track & Field.

Work Experience

UNION HOSPITAL   Elkton, MD
Patient Transport Volunteer   February 2018 – May 2019
Transported medical equipment, lab samples, and patients. Monitored patients and occasionally performed basic health care services such as measuring blood pressure and oxygen levels.

GREAT WALL   Elkton, MD
Finance Manager   September 2017 – August 2021
Collected financial data that was utilized to create business reports with Excel. Managed expenditure and revenue streams along with resource distribution. Formed financial frameworks that lowered overhead costs and surpassed annual profit margins. Doubled revenue within 2 -3 months of promotion during initial stages of quarantine, setting a record for monthly revenue growth.

Leadership & Activities

CARAVEL ACADEMY TUTORING   Bear, DE
Founder and President   October 2019 – June 2021
Organized a group of bilingual students and formed tutoring schedules and services for students that were non-native English speakers. Held weekly meetings with parents and school staff.

CARAVEL ACADEMY RELAY FOR LIFE   Bear, DE
Board Member   October 2017 – June 2021
Planned and organized events. Held weekly meetings. Discussed and monitored goals. Raised over $10,000 to support the American Cancer Association.

Skills & Interests

Technical:
Java, HTML, CSS, MATLAB, C, AVR Assembly
Language:
Fluent in Mandarin and Fuzhounese (Fujian Dialect)
Financial:
Asset management, Financial modeling and analysis, Financial management experience