Kaiyang (Kevin) Zhou

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EDUCATION

UNSW Sydney, *Sydney, Australia*
Bachelor of Actuarial Studies/Computer Science   Feb 2022 – Dec 2025
WAM: 96.348/100

AWARDS & HONOURS

– UNSW Engineering Taste of Research Scholarship	2024
– The IMC COMP3121/3821 Prize, 3rd Place	2023
– The UNSW Business School Dean's Award - Stage 3	2023
– The School of Mathematics and Statistics Prize for 1st Year Actuarial Maths	2022
– The UNSW Business School Dean's Award - Stage 1	2022
– The Faculty of Engineering Dean's Award	2022
– UNSW Scientia Scholarship	2022–2025

TUTORING EXPERIENCE

UNSW Sydney, *Sydney, Australia*

Academic Tutor, School of Risk and Actuarial Studies

Responsible for delivering course content through weekly tutorials with problem-solving sessions and solutions, grading quiz and assignments, holding student consultations, and providing course support.

– ACTL1101: Introduction to Actuarial Studies	Term 2 2024
– ACTL2131: Probability and Mathematical Statistics	Term 1 2024

Academic Tutor, School of Computer Science and Engineering

Responsible for delivering weekly labs/tutorials, grading assessments and exams, holding student consultations, and providing overall course support.

– COMP3121: Algorithm and Programming Techniques	Term 2 2024
– COMP3821: Extended Algorithm and Programming Techniques	Term 1 2024
– COMP3121: Algorithm and Programming Techniques	Term 3 2023
– COMP3121: Algorithm and Programming Techniques	Term 2 2023

WORK EXPERIENCE

Optiver, Quantitative Trading Intern, *Sydney, Australia*   Nov 2023 – Feb 2024

Collaborated in team to explore statistical arbitrage between HSI, HHI and CN using tools such as regression and moving averages, developed a backtester and formed a trading strategy based on 2021-22 market data. Gained fundamental knowledge in the financial market including derivatives such as future and options, market making and volatility trading through theory and technical classes.

Languages and Skills

Languages

– English (fluent), Mandarin (native)

Computing

– Proficient with C/C++, R, Python, Java, JavaScript (TypeScript), MATLAB, MIPS Assembly

– Competent with LaTeX, Microsoft Excel, Word and PowerPoint

– Experience with Web Backend (ExpressJs), Git