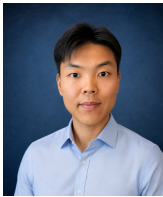


Lekang Ren

Shenzhen, China | Mobile: 18909230181 | Email: oliverlekangren@gmail.com
Target Position: Mathematics Teacher



PROFESSIONAL PROFILE

- Strong quantitative foundation: BSc in Financial Statistics with systematic training in calculus, probability, statistics and quantitative modelling. Achieved a full score in GRE Quantitative Reasoning, 142/150 in Gaokao Mathematics, and a Provincial Second Prize in the High School Mathematics Olympiad.
- Diverse teaching experience: Experience in middle school mathematics tutoring, A-Level Physics instruction and rural mathematics teaching. Skilled in concept breakdown, diagnostic error analysis, targeted practice, student feedback and parent communication. Helped one mathematics student improve from 31/100 to 54/100, a 23-point increase.
- Bilingual communication and Data/AI capability: TOEFL 100 and both undergraduate and postgraduate education completed in English-medium environments. Professional experience at Tencent and Insta360 in data analytics and applied AI, with the ability to connect mathematics teaching with data literacy, technology and real-world applications.

EDUCATION

- HKUST (Guangzhou) | MPhil in Innovation, Entrepreneurship and Public Policy** 2022.09 - 2024.07
- Urban Data Acquisition and Analysis: Top 10%; Text Analysis and Machine Learning: Top 20%
- CUHK (Shenzhen) | School of Data Science | BSc in Financial Statistics** 2018.09 - 2022.07
- Calculus: Top 15%; Probability and Statistics: Top 30%

TEACHING & EDUCATIONAL EXPERIENCE

- Weixue 100 | Part-time A-Level Physics Instructor | Shenzhen** 2024.10 - 2025.05
- Delivered online A-Level Physics instruction to international high school students, covering core concepts, formula derivation, exam-style questions and problem-solving strategies.
 - Integrated graphical analysis, mathematical modelling and quantitative reasoning into physics instruction to help students understand mathematical relationships and multi-step reasoning in topics such as mechanics.
 - Used error analysis, targeted practice and past-paper practice to address individual learning gaps and strengthen students' ability to progress from conceptual understanding to independent problem solving.
 - Helped one student improve their A-Level Physics grade from D to C through targeted instruction and focused remediation of weaker topics.
- HKUST(GZ) Red Bird Challenge Camp | Programme Teaching Assistant | Guangzhou** 2023.06 - 2023.07
- Reviewed and assessed applications from approximately 300 students, evaluating candidates based on their backgrounds, programme fit and overall potential.
 - Supported the on-site selection process for 20 shortlisted candidates, observing and evaluating their course participation, teamwork and overall performance.
 - Provided individual feedback and coaching on self-introduction, structured communication and interview responses, helping candidates improve the clarity and logic of their presentations.
- Volunteer Teaching Programme | Summer Mathematics Teacher | Guizhou** 2019.07 - 2019.08
- Taught mathematics to Grade 6 students in Rongjiang County, Guizhou, adapting lesson pace, exercise difficulty and classroom interaction according to students' academic foundations and in-class responses.
 - Used worked examples, guided questioning and interactive instruction to improve conceptual understanding, classroom participation and students' confidence in mathematics.

- Provided one-to-one, in-person mathematics tutoring for middle school students in Shenzhen, covering key areas including algebra, geometry and functions.
- Identified learning gaps through error analysis and designed targeted exercises for weaker topics, using formative assessments to continuously adjust teaching priorities.
- Focused on helping students move from simply "getting the answer" to understanding mathematical reasoning through worked examples, reflection and transfer exercises.
- Helped one student improve their monthly mathematics examination score from 31/100 to 54/100, representing a 23-point improvement.

PROFESSIONAL EXPERIENCE

- Conduct product and user behaviour analysis for the 360-camera product line and contribute to the development of AI-powered natural-language data querying capabilities.
- Apply AI tools to information retrieval, knowledge organisation and complex problem solving in practical business workflows.
- Translate complex data and technical problems into clear, structured and accessible explanations, strengthening skills in problem decomposition and knowledge communication.

- Built data analysis frameworks from the ground up and regularly worked on complex problem decomposition, logical reasoning and interpretation of analytical findings.
- Applied A/B testing, user segmentation and attribution analysis to evaluate hypotheses and continuously improve solutions based on evidence.
- Collaborated with product, operations, engineering and data teams from different professional backgrounds, developing strong skills in structured communication, project coordination and cross-functional collaboration.

LEADERSHIP & CAMPUS EXPERIENCE

- Coordinated task allocation and project execution for a team of 21 members, developing leadership, organisation and team management skills.
- Supported the delivery of 10+ large-scale student activities, with individual events attracting more than 500 participants.
- Collected feedback from 300+ students and staff members each month and communicated key issues to student leadership, gaining practical experience in student communication and campus organisation.

TEACHING & PROFESSIONAL SKILLS

- **Mathematics:** Middle School Mathematics | Algebra | Geometry | Functions | Calculus | Probability & Statistics
- **International Curriculum:** A-Level Physics Teaching | English-language STEM Materials | Lesson Preparation | Past-paper Practice
- **English:** TOEFL 100 | Able to Work and Teach in English
- **Technology & AI:** Python | SQL | Data Analysis | Data Visualisation | AI Tools
- **Certifications:** Google Data Analytics Certificate | Project Management Professional (PMP)