

Yiqiang Adrian Liu

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Profile

Technology leader with a strong foundation in applied mathematics, computational methods, and AI systems. Through extensive academic training and professional experience, I have developed a deep understanding of mathematical principles and their practical applications in problem-solving, data analysis, and AI model development. Adept at leveraging mathematical insights to enhance AI training processes and improve algorithmic accuracy. Multilingual communicator with a global perspective and a track record of driving innovation.

Experience

CHIEF TECHNOLOGY OFFICER & CO-FOUNDER | ABOVEA | JAN 2024 – PRESENT

- Delivered actionable insights through advanced data analysis for smarter business decisions.
- Implemented marketing automation tools to enhance operational efficiency and customer experience.
- Collaborated with multidisciplinary teams to develop scalable digital solutions tailored to diverse industries.

DATA ANALYST | BOSCH (PART-TIME) | APR 2023 – OCT 2023

- Extracted actionable insights from complex datasets, supporting strategic decision-making and project success.
- Utilized advanced analytical tools and mathematical models to analyze market trends and customer behavior, enhancing targeted business strategies and product improvements.
- Collaborated with cross-functional teams to deliver precise, data-driven solutions, improving operational efficiency and customer satisfaction.

QA ENGINEER INTERN | AMAZON WEB SERVICES (PART-TIME) | OCT 2022 – JAN 2023

- Utilized advanced analytical tools and mathematical models to analyze market trends and customer behavior, enhancing targeted business strategies and product improvements.
- Collaborated with cross-functional teams to deliver precise, data-driven solutions, improving operational efficiency and customer satisfaction.

Education

B.S. IN ELECTRICAL ENGINEERING | RWTH AACHEN UNIVERSITY, GERMANY

M.S. IN COMPUTER ENGINEERING | RWTH AACHEN UNIVERSITY, GERMANY

Skills & Abilities

- Mathematics in Practice: Applied advanced mathematical models to optimize workflows, data structures, and problem-solving in professional settings.
- AI Model Evaluation: Expertise in assessing and refining AI-generated outputs, focusing on logical coherence and accuracy.
- Data Analytics & Validation: Experienced in validating complex datasets using mathematical methods to ensure reliable decision-making.
- Data Analytics & Validation: Experienced in validating complex datasets using mathematical methods to ensure reliable decision-making.
- Educational Content Development: Created training modules emphasizing mathematical and computational concepts.
- Technical Project Leadership: Directed cross-functional teams to deliver scalable digital and AI-driven solutions.
- Multilingual Communication: Fluent in English, Chinese, German, and Japanese; working knowledge of Spanish and French.