

Yihan Wang

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Software Engineer | Solutions Engineering & Technical Pre-sales | FinTech & AI

PERSONAL PROFILE

Software engineering with a background in Information Technology (AI & IT) and experience supporting banking technology delivery across requirements clarification, software development, functional testing, debugging and system optimisation. Combines hands-on application troubleshooting with exposure to overseas client presentations and cross-team coordination. Currently contributing to requirements, functional design and development for an internal ITSM platform using AI-assisted development tools, alongside support and optimisation of internal systems. Interested in customer-facing technical roles connecting business needs with practical software, cloud and AI-enabled solutions.

EDUCATION BACKGROUND

University of New South Wales (UNSW Sydney) SEP 2023 - SEP 2024

- *Master of Information Technology (AI & IT)*

- Core unit: Computer Vision, Neural Networks and Deep Learning, Recommender Systems, Engineering Project Management, Foundations of Computer Science, Database Systems

Shenyang University of Technology SEP 2019 - JUN 2023

- *Bachelor of Information and Computing Science*

- Core unit: Artificial Intelligence and Machine Learning, Data Analysis and Mining Algorithm, Numerical Analysis, Computer Network, Data Processing and Visualization Technology

- Honor: University third-class scholarship (top 10%)

PROFESSIONAL EXPERIENCE

Yusys Technologies Co.Ltd. MAY 2025- PRESENT

Software Engineer & Pre-sales Solution Engineer

- Followed banking technology projects through requirements analysis, development and system testing, contributing to the delivery of business functionality and working with the team to identify and resolve implementation issues. Supported functional testing and debugging of banking applications, including investigating and resolving front-end issues and validating system behaviour against business requirements.

- Independently drove the functional design and development of an internal ITSM system, using AI-assisted development tools to accelerate implementation.

- Took ownership of 2 internal systems, performing hands-on debugging, code-level troubleshooting and functional optimisation while coordinating with relevant teams to maintain system stability.

- Supported client-facing technical presentations in English for overseas banking clients.

Medical Image Analysis (UNSW) SEP 2023 - FEB 2024

- Developed and implemented new machine learning and deep learning based methods for detecting and classifying brain tumors from MRI brain images. Innovative feature extraction and fusion techniques are introduced to improve model training efficiency and prediction accuracy. The average accuracy of the developed models exceeded 90% on the test dataset, improving the accuracy and reliability of brain tumor diagnosis.

University progression pathways visualisation and analysis (UNSW) MAY 2023 - AUG 2023

- Focused on analyzing and visualizing the university development paths of different degree programs students, developed a tool for college teachers to import and visualize student course selection information and degree acquisition paths, identified students who deviate from the typical course sequence, and predicted the number of course registrations for the next three semesters based on historical data.

SKILLS

- Professional Skills: Requirements Analysis, Debugging, Functional Testing, System Testing, API Integration, Technical Presentation, POC Support, Solution Demonstration, Client Communication.

- Software Development: Python, Java, JavaScript, HTML, CSS, Vue, SpringBoot.

- Certificate: Oracle Database, Alibaba Cloud Certified LLM Engineer(Associate).

- Languages: English, Chinese, Cantonese.