Xinru Xue

Personal details

Xinru Xue

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No. 5340, Xiping Road, Beichen District, Tianjin
300280 Tianjin

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Skills

Operations & Maintenance ●●○○○○

Web Design ●●○○○○

Software Design ●●○○○○

Languages

English ●●●○○○

Chinese ●●●●●○

Japanese ●○○○○○

Hobbies

■ Computer hardware fix

Profile

I'm Xinru Xue, an undergraduate student pursuing dual degrees in Internet of Things Engineering at **Hebei University of Technology** and Computer Science at **Massey University**. I have hands-on experience in IoT, cloud systems, embedded devices, AI model deployment, and game development.

Education

Bachelor's degree, Internet of Things Engineering
Hebei University of Technology
Aug 2023 - Jul 2027

Bachelor of Science - BS, Computer Science
Massey University - Te Kunenga ki Pūrehuroa
Aug 2023 - Jul 2027

Employment

Assistant lecturer (Intern, Part-time)
Tianjin Engineering Technical Institute
Sep 2025 - Present

Served as an Assistant Lecturer (Intern) for "Java Programming," supporting lesson prep and providing essential technical support for project labs (resolving IDE, environment, and debugging issues). Contributed to course development by introducing UML diagrams to explain OOP concepts. Graded 100+ Java assignments, focusing feedback on OOP principles, and proposed several adopted suggestions for course material improvement.

Operations & Maintenance Engineer
CNPC Dagang Oilfield Digital Technology Co. (Intern, Full-time)
Jul 2025 - Aug 2025

Participated in maintaining oilfield digital systems and platforms Learned skills in large-scale system monitoring and IT support Collaborated with senior engineers on system optimization tasks

Assistant lecturer (Intern, Part-time)
Tianjin Engineering Technical Institute
Feb 2025 - Jul 2025

Provided full-cycle teaching support for the "C Language Programming" course, assisting with lesson prep, in-class Q&A, and primary technical guidance during lab sessions. Assisted in developing over 80% of course materials, enhancing them with flowcharts, and graded 100+ assignments with detailed feedback. Proactively established and led after-class study groups to provide targeted tutoring.

Operations & Maintenance Engineer (Intern, Full-time)
Bohai Drilling Engineering Co., Ltd.
Jul 2024 - Aug 2024

Assisted in daily system operation and troubleshooting Gained practical experience with industrial data monitoring and fault handling

Technical Co-founder (Part-time)
Tianjin Nansu Technology Co., Ltd., Binhai New District, Tianjin, China
Feb 2021 - Present

As an early co-founder, participated in initial technical planning and project execution, driving key initiatives forward.

Project Assistant (Intern, Full-time)   Jan 2023 - Feb 2023
Tianjin Design Institute, Beijing Project Management Branch, China Petroleum
Engineering Co., Ltd.
Assisted engineers in sensor connection and device debugging, learned to use C
programming for hardware control and data collection, and supported the
preparation and testing of IoT project demos, gaining hands-on experience with
embedded systems and IoT applications.

Courses

C Programing   Aug 2023
Mark at 94

Basics of Electronic Technology   Mar 2024
Mark at 90

159101 - Applied Programming   Mar 2024
Mark at 85 and Grade at A

Computer Organization Principles   Sep 2024
Mark at 87

159102 - Computer Science and Programming   Sep 2024
Mark at 99 and Grade at A+

159201 - Algorithms and Data Structures   Mar 2025
Mark at 97 and Grade at A+

159234 - Object-Oriented Programming   Sep 2025
Mark at 97 and Grade at A+

158258 - Web Development   Present

159251 Software Engineering Design and   Present
Construction

Computer operating system   Present

Computer Network   Present

Certificates

Google Cloud Skill Boost - Generative AI   Aug 2025
Fundamentals