

Hsiangyu Lan

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EDUCATION

The Ohio State University

Max M. Fisher College of Business

B.S. in Business Administration, Specialization: Information Systems

GPA: 3.63/4.0; Dean's List 2023-2024

Relevant Coursework: Database Systems, Software Engineering, Business Analytics, Applied Statistics

Columbus, OH

Expected May 2026 (Accelerated Graduation)

Taipei National University of the Arts (TNUA)

Admitted & Completed One Semester – Music and Image Trans-disciplinary Program

Taipei, Taiwan

Feb – Jun 2025

WORK EXPERIENCE

Center of Industry Accelerator & Patent Strategy (IAPS), National Yang Ming Chiao Tung University (NYCU)

Taipei & Hsinchu, Taiwan

Taiwan Tech Arena (TTA) Intern

Feb 2025 – Aug 2025

- Applied business analytics, finance, and IS expertise to support STEM startup acceleration, investment evaluation, and commercialization strategy
- Coordinated InnoVEX 2025 Global Innovation Hub Forum, overseeing project management, event operations, marketing campaigns, and media production (startup CEO interviews, video editing, subtitling, social media)
- Delivered market-entry and commercialization reports for AI/IoT/health-tech startups, bridging Fisher College of Business training with STEM venture analysis

The Ohio State University – College of Engineering

Teaching Assistant / Lab Grader, CSE 2111

Columbus, OH

Aug 2023 – Present

- Supported instruction for Modeling & Problem Solving with Spreadsheets and Databases (Excel, SQL)
- Guided students on Excel functions, formulas, PivotTables, VBA, scenario modeling, and basic database integration
- Provided structured feedback via grading and virtual zoom tutoring, reinforcing accuracy, clarity, and applied data systems problem-solving

UNIVERSITY PROJECTS

Database Management System Project – OSU

Aug 2024

- Designed & normalized ER model & BCNF schema ensuring integrity across multi-entity system (Users, Rentals, Warehouses, Payments)
- Implemented SQLite database with 10+ tables and 200+ records, enforcing referential integrity
- Developed advanced SQL queries (nested, aggregations, transactions, indexes, views) for analytics on rentals, warehouses, and equipment usage
- Built Java–SQLite CRUD application (rent, return, maintenance) secured with PreparedStatements against SQL injection
- Produced automated reports supporting real-world decision-making in logistics and equipment rental services

Interdisciplinary Music & AI Projects – TNUA

Feb 2025

- Composed & recorded a bilingual Jazz–R&B–Hip Hop demo in professional studios using Logic Pro, integrating A&R (Artists & Repertoire) marketing concepts
- Produced foley & ambience sound design for the animation *étoile*, applying professional audio engineering and post-production
- Built interactive AI-art prototypes with Python, Arduino IDE, Processing, p5.js, SuperCollider, OBS; integrated sensors and multimedia for live interactive performances

ACTIVITIES

OSU Daebak Columbus, OH

E-Board Music Director

2023–Present – Present

- Directed music production & cultural showcases, organizing large-scale campus events including Taste of OSU, Spring Festival, and Involvement Fair
- Coordinated cross-functional teams in event planning, marketing, and cross-genre music integration

Ohio State University School of Music – Symphony Orchestra

Columbus, OH

First Violin

Jan 2023 – Feb 2024

- Performed as first violinist in OSU's Symphony Orchestra, demonstrating advanced musicianship and ensemble collaboration at a professional academic level

ADDITIONAL

Technical Skills: SQL, Database Design (ERD, BCNF), Java (App Dev), Excel (Pivot, VBA), Tableau, Python, Arduino IDE, Processing, p5.js, SuperCollider, OBS, Logic Pro

Languages: English (Fluent), Mandarin (Native), Minnan (Proficient), German (A2)

Awards: AI Talent Training Program – Team 3rd Place, National Cheng Kung University (NCKU AI Center) (2023); National Business Essay Competition – High Distinction Award, Ministry of Education, Taiwan (2020); Prominent Mayor's Award – Top 3% Student, Kang Chiao International School, New Taipei City (2020)