

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) Taiwan Tech Arena (TTA) Intern	Taipei & Hsinchu, Taiwan Feb 2025 – Aug 2025
<ul style="list-style-type: none">Applied business analytics, finance, and IS expertise to support STEM startup acceleration, investment evaluation, and commercialization strategyCoordinated 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
<ul style="list-style-type: none">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 integrationProvided 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
<ul style="list-style-type: none">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 integrityDeveloped advanced SQL queries (nested, aggregations, transactions, indexes, views) for analytics on rentals, warehouses, and equipment usageBuilt Java–SQLite CRUD application (rent, return, maintenance) secured with PreparedStatements against SQL injectionProduced automated reports supporting real-world decision-making in logistics and equipment rental services	

Interdisciplinary Music & AI Projects – TNUA	Feb 2025
<ul style="list-style-type: none">Composed & recorded a bilingual Jazz–R&B–Hip Hop demo in professional studios using Logic Pro, integrating A&R (Artists & Repertoire) marketing conceptsProduced foley & ambience sound design for the animation <i>étoile</i>, applying professional audio engineering and post-productionBuilt 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
<ul style="list-style-type: none">Directed music production & cultural showcases, organizing large-scale campus events including Taste of OSU, Spring Festival, and Involvement FairCoordinated 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
<ul style="list-style-type: none">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)