

JIA-YIN(JOYCE) FU

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PROJECTS

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- UNLMED — AI-Powered Sports Injury Prevention App** Feb. 2025 - Jun. 2025
- Designed user interface and experience using Figma for wearable-integrated sports app.
 - Created interactive prototypes for athlete, trainer, and coach dashboards.
 - Collaborated with team to align UI/UX designs with AI-driven injury prevention and recovery features.
 - Working towards a fully functional mobile application for real-world use.
- ReadyRecipe — Recipe Ingredient Delivery Platform** Sep. 2024 - Jan. 2025
- Designed a smart cart to prioritize user control, allowing selective purchasing of missing ingredients.
 - Created a real-time tracking UI to enhance system visibility and reduce user anxiety during delivery.
 - Optimized responsive layouts to ensure visual consistency and seamless navigation across all devices.
- Joystick Journal — Game Review Platform** Sep. 2024 - Jan. 2025
- Front-end developer: implemented responsive UI with HTML, CSS, and JavaScript.
 - Integrated with Node.js backend to fetch game data, submit reviews, and manage user interactions.
 - Developed interactive features including search, rating system, and user comments for better engagement.
- U.S. Police Shooting Demographics Analysis, Web Design** Sep. 2023 - Dec. 2023
- Developed a web application using JavaScript, CSS, HTML, and MySQL to analyze U.S. police shooting demographics.
 - Created dynamic tables to display demographic data (age, gender, race, etc.) and a user-friendly interface that enables intuitive and effective data interaction and visualization.
 - Implemented user login authentication and recorded search history for user reference.

EDUCATION

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- New York University, Tandon School of Engineering** New York, NY, USA
- M.S. in Computer Science Sep. 2025 - May 2027(expect)
- **Related Courses:** Human Computer Interaction , Information Visualization, Intro to Operating Systems, Penetration Testing and Vulnerability Analysis
- San Francisco State University** San Francisco, CA, USA
- Feng Chia University** Taichung, Taiwan
- M.S. in Computer Science (Dual Degree) Sep. 2021 - May. 2025
- **Related Courses:** Human Computer Interaction, Software Development, AI Entrepreneurship, Intro to Web Software Development, Algorithms, Ethics, Comm & Software Dev (GWAR).

EXPERIENCE

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- Founder – Joyce Dream Shop, Taiwan** Sep 2021 – Jun 2023
- Established an e-store that sells K-pop merchandise, achieving an average of 200 shipments and US\$7,000 in revenue per month, and 10% revenue growth in two years
 - Use Python and machine learning methods to process and analyze product data, identify popular product combinations, and increase revenue; use Excel to summarize and visualize customers and sales

TECHNICAL STRENGTHS

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| Web Development | JavaScript, HTML, CSS, React, Node.js, WordPress |
| Languages | Python, SQL, Java, C, C++, MATLAB |
| Tools & Design | Git, Figma, MySQL, PyTorch, Linux |
| Cybersecurity | Kali Linux, Metasploit, Vulnerability Scanning |