

Ashley (Hsiao-Yuan) Chen

Bloomington, IN | hsiaoyuan0902@gmail.com | (812) 327-7933
www.linkedin.com/in/ashley-hy-chen | github.com/ashlchen | ashlchen.github.io/Portfolio/

COMPETENCIES

- Development: Python, Flask, HTML, CSS, Docker, VueJS, JavaScript
- Database Management: SQL, MongoDB, Hadoop, Spark
- Agile, Data Visualization, Machine Learning, A/B testing, AWS

EDUCATION

Kelley School of Business, Indiana University, Bloomington, IN August 2021 – December 2022
Master of Science in Information Systems, Business Intelligence & Analytics GPA: 3.91/4.00

- Coursework: Data & Systems, IT Architecture, Big Data Technologies, Cloud Computing

Jacobs School of Music, Kelley School of Business, Indiana University, Bloomington, IN August 2017 – May 2021
Bachelor of Music in Flute Performance, Minor in Business GPA: 3.99/4.00

- Founders Scholar, Young Artist Award, International Student Ambassador

EXPERIENCE

KAANNAN & Associates, Carmel, IN June 2022 – Present
Technology Analyst Intern

- **Solution Delivery:** Performed quantitative analysis on workforce productivity and delivered recommendations that enhanced client's operation performance by 15%
- **Project Management:** Supported 3 workstreams of a digital enterprise program of a \$39B business in healthcare industry and liaised with senior stakeholders to gather requirements
- **Data Analysis:** Utilized Google Data Studio and modelled 5 different data sources on a multi-dimensional financial dashboard for top executives to track business performance

Kelley School of Business, Indiana University, Bloomington, IN May 2022 – Present
Principles of Programming Teaching Assistant

- **Problem-Solving:** Hosted lab sessions to help over 40 students debug and test their Python applications
- **Leadership Development:** Assessed students' learning to determine weaknesses and needs; students' grade improved on average 12.5% in topics of web applications logic and coding

Stagetime Arts, Bloomington, IN July 2021 – September 2021
Data Analyst Intern

- **Data Analysis:** Performed ETL to engineer data and identified metrics to provide a dashboard in DataBox for management to make data-driven decisions on customer retention strategies on a monthly basis

PROJECT

Soccer Association Referee System, Lead Contributor September 2021 – November 2021
Final Project for MSIS Data & System Module

- Liaised with stakeholders as a lead contributor (of a team of 4) to create a multi-functional system that manages games, players, and referee assignments
- Delivered an interactive microservice web application with cloud deployment and leveraged containerization and version control for solid development; specifically used JavaScript, HTML/CSS, APIs, AWS, Azure, and Docker

Small Hand Truck Online Order Placement System, Lead Contributor July 2021 – August 2021
Final Project for MSIS IS Project

- Led a team of 4 and created a website using Python, Flask, HTML/CSS, and SQLite for employees to place customer orders in the database, with the ability to manage existing orders and customers information

ADDITIONAL

- CodePath Software Engineering Alum (June 2022 – August 2022)
- Software Engineering Virtual Experience (JPMorgan), Data Scientist Virtual Experience (BCG)
- Avid flutist and yogi; Passionate for personal growth and empowerment