# Ashley (Hsiao-Yuan) Chen

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## COMPETENCIES

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

## EDUCATION

**Kelley School of Business, Indiana University,** Bloomington, IN          August 2021 – December 2022
*Master of Science in Information Systems, Digital Enterprise Systems (SAP), Business Intelligence & Analytics*
- Coursework: Data & Systems, IT Architecture, Big Data Technologies, Cloud Computing          GPA: 3.91/4.00

**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 – August 2022
*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 – August 2022
*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