

Haixuan Chen

haixuan2@illinois.edu | (217) 841-2052 | <http://www.linkedin.com/in/haixuan-chen>

EDUCATION

University of Illinois Urbana-Champaign, Gies College of Business

Champaign, IL

Master of Science in Business Analytics (GPA: 3.93/4.0)

Expected May 2024

Courses: Big Data Analytics in Finance, Big Data Infrastructure, Data Science and Analytics

University of Illinois Urbana-Champaign, College of Media

Champaign, IL

Bachelor of Science in Computer Science & Advertising with High Honors (GPA: 3.95/4.0)

May 2022

Honors: Dean's List (Fall 18 - Spring 20, Fall 21)

Courses: Innovation in Advertising, Audience Analysis, Applied Machine Learning

EXPERIENCE

Univar Solutions

Champaign, IL

Business Analyst (Data Science Focus)

September 2023 - Current

- Led exploratory analysis of customer datasets utilizing Python, uncovering and addressing data inconsistencies through iterative client collaboration on Teams, significantly enhancing data quality for model development
- Conducted thorough research on content-based and collaborative filtering models, delivering a report that outlined key advantages and drawbacks, informing strategic model selection
- Developed a collaborative-filtering recommendation model using the fastai library in Python, designed to process customer identifiers and output top 10 product suggestions

Gerson Lehrman (Shanghai) Co., Ltd

Shanghai, China

Client Solution Associate Intern

April 2021 - June 2021

- Collaborated with the team in managing 5-10 daily projects for institutional clients, including scheduling expert-client appointments through the project system, and facilitating bilingual communication
- Carried out industry research by studying relevant company websites and industry reports, and evaluated expert's eligibility through LinkedIn profiles and digital traces, identifying more than 5 suitable experts for each project
- Reached out to 5-10 suitable experts through calls, emails, and LinkedIn, thoroughly explaining project details, answering questions, and securing consent and availability, achieving a 90% acceptance rate

ACADEMIC PROJECTS

Blockchain Analysis

Champaign, IL

UIUC's Enterprise Database Management Course

November 2023 - December 2023

- Performed comprehensive Blockchain analysis on Ethereum NFT Pudgy Penguins sales dataset using Flipside and SQL. Enhanced data retrieval accuracy and efficiency through advanced SQL subqueries and row filtering
- Developed and presented insightful visualizations using Flipside Dashboard based on extracted data, offering unique insights into NFT sales trends and behaviors
- Implemented a structured data analysis workflow using Knime and MongoDB for the project's second phase. Leveraged Knime nodes for data filtering and visualization, improving the project's analytical depth and breadth

Property Assessment for Cook County Illinois

Champaign, IL

UIUC's Big Data Analytics in Finance

November 2023 - December 2023

- Performed data cleaning on a dataset of 60,000 properties using R, removing variables with excessive missing values, limited uniqueness, or irrelevance to predictions, ensuring high-quality input for model training and testing
- Implemented and compared multiple predictive models including linear regression, random forest, and regression trees to identify the model with the lowest mean squared error, enhancing accuracy in property value assessment
- Shared insights and outcomes from predictive modeling with the class through data visualization, highlighting key trends and patterns, which emphasized the practical application of statistical models in property valuation

SKILLS

Languages: Mandarin Chinese (Native), English (Fluent)

Technical Skills: Python (Proficient), R (Proficient), SQL (Proficient), Tableau (Novice)

Certifications: Microsoft Certified: Azure Fundamentals