Yaow Hui Chong

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EDUCATION

University of Nebraska Omaha, Omaha, NE
M.S. in Management of Information System (MIS), May 2022
Concentration: Data Analytics   GPA: 3.92/4.00

University of Nebraska-Lincoln, Lincoln, NE
B.S in Business Administration, May 2018
Major: Actuarial Science   Minor: Mathematics
GPA: 3.77/4.00

WORK EXPERIENCE

University of Nebraska-Lincoln, Lincoln, NE

Utility Services Data Analyst, January 2022 – Present

- Collaborated with engineers to perform exploratory data analysis (EDA) and translate findings into actionable outcomes and used data visualization tools to effectively communicate insights to stakeholders on campus.
- Built utility reporting system using advanced Excel functions and VBA programming to integrate data retrieval and data cleaning processes which cut down more than 50% of labor hours for reporting tasks.
- Built machine learning model for campus meters to perform fraud detection which cut down more than 50% of labor hours used to manually perform meters checking.
- Built time series models to predict the hourly campus electric demand and chilled water usage to assist with business decision making and enhance effective use of equipment in utility plant.
- Built utility pricing model for fiscal year 2024 to price utility commodities such as electric, steam, chilled water, and water using historical data and assumptions, and performed sensitivity analysis to study the impact of variations in the variables in model.

Kingsbay Group, LLC, Des Moines, IA

Purchasing Analyst, November 2018 – December 2019

- Performed cost-profit analysis to determine product profitability for over 500 products.
- Built time-series models to identify sales trends and forecast sales numbers based on current sales data and replenish items accordingly.

University of Nebraska-Lincoln, Lincoln, NE

Actuarial Science Tutor, September 2017 - May 2018

- Collaborated with another tutor to help over 50 students in actuarial science courses with exam preparations.
- Lead students towards academic success and assist with improving actuarial science exam pass rate.

Sun Life Malaysia, Kuala Lumpur, Malaysia

Actuarial Internship (Product development), May 2017 - August 2017

- Conducted research in the life insurance market and identified competitive intelligence for product development initiatives.
- Assisted with the launch of two products, Sun eSsential series and Sun Hajj.
- Performed user acceptance tests (UAT) on insurance policy documents to mitigate risks.

CERTIFICATIONS

- ASA, Associateship of Society of Actuaries, April 2023

SKILLS

Computer skills: R, Tableau, Python, Java, Vue.js, VBA, SQL, Django, HTML, TensorFlow, Microsoft Office (Word, Excel, PowerPoint, Access, Visio)