

## EDUCATION

### University of Michigan, Ann Arbor

Master of Science, Applied Statistics, GPA 3.71/4.00

Statistics Coursework: Statistical Inference, Multivariate Statistical Analysis, Bayesian Modeling, Survey Sampling Theory

Ann Arbor, MI

Aug 2022 – Present

### University of Wisconsin–Madison

B.B.A. in Actuarial Science, B.A. in Mathematics, GPA 3.73/4.00 (*Dean's List: F2018-S2020*)

Actuarial Exam: Probability (July 2023), FM (Planning to Sit)

Actuarial Coursework: Financial Mathematics, Risk Management, Loss Models, Life Contingencies

Madison, WI

Sep 2018 – May 2022

## WORK EXPERIENCES

### Consulting for Statistics, Computing & Analytics Research, University of Michigan

Ann Arbor, MI

Graduate Student Consultant

Jan 2023 – Present

- Provide tailored consultation to over 50 University of Michigan researchers in understanding and utilizing statistical methods for data analysis and modeling. General topics include **survival analysis**, **hypothesis testing**, **power analysis**, **mixed models**, **GLMs**, **survey and experimental design**
- Advise clients on data management, missing data imputation, model analysis and validation to determine appropriate methods, improve analyses, and ensure effective and robust results

### Political Science Department, University of Michigan

Ann Arbor, MI

Research Assistant

Apr 2023 – Present

- Investigate voter behavior and preference for Thailand's 2023 Election using **linear mixed model** and **conjoint analysis** from 1249 respondents, focused on political awareness, attitude toward government and politicians, and policy preference
- Engage in close collaboration with political scientists to formulate research questions, design and implement survey, and interpret outcome, resulting in the publication of 2 articles and 1 research paper

### Thailand Development Research Institute

Bangkok, Thailand

Inclusive Policy Analyst Intern

Feb 2021 – Jul 2021

- Conducted surveys and 20 deep interviews to assess health and retirement benefits preference targeting medium-high income Thailand's informal workers and proposed a new Thailand's social security plan, anticipated to boost registration by 10%
- Developed a population model to project Thailand's labor force demographic for the next 100 years and estimated the premium costs for the proposed social security plan benefiting 13 million informal workers

## PROJECTS

### miLead Consulting Club

Ann Arbor, MI

Consultant

Apr 2023 – May 2023

- Analyzed and conducted a competitive landscape analysis and productivity technology assessment in the waste management industry, focusing on cost-effectiveness and productivity enhancement strategies
- Executed SWOT analysis on a client (Fortune 500 company), leading to recommendations for integrating AI technology and telematics data and establishing partnership with software company to optimize productivity

### Customer Attrition Prediction

Ann Arbor, MI

Team Leader, Meeting Facilitator

Jan 2023 – Apr 2023

- Performed **logistic regression**, **GAM**, and **random forest** using the **sklearn** library to predict customer attrition (Balanced Error Rate = 0.01) and identify non-linear relationships using customer demographic and spending activities
- Analyzed and evaluated variables selection and model performance, provided model justification, identified limitations, and communicated results through an oral presentation and study report

## LEADERSHIP AND INVOLVEMENTS

### Mathematics Department, UW-Madison

Madison, WI

Student Assistant -Trigonometry, Quantitative Reasoning and Problem-Solving

Sep 2021 – May 2022

- Facilitated bi-weekly in-class discussions and activities on topics in college level algebra, trigonometry, and mathematical reasoning to 60 students. Prepared additional study materials and practice problems for bi-weekly drop-in tutoring sessions

### Thai Student Association, UW-Madison

Madison, WI

Vice President, External Communication Chair

Sep 2019 – Dec 2021

- Represented and shared the Thai culture to UW-Madison community through cultural events, collaborations, and fundraising
- Launched a semester-long membership program to incentivize members participation, which increased engagement by 25%

## SKILLS

- Languages: Thai (native), English (bilingual proficiency)
- Programming Languages: R, Python, Excel, Latex, SQL, SPSS, SAS