

Thomas Kim

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EDUCATION

Carlson School of Management | GPA: 3.83 | Graduation: May 2026 **September 2023**
Bachelor of Management Information Systems - Supply Chain Management - Business Analytics *Minneapolis, MN*

- Business Association of Multicultural Students Member
- Korean Student Association of Minnesota Member
- Taekwondo Club Member

Normandale Community College **June 2023**
Associate's Degree in Arts *Bloomington, MN*

- Asian Cultural Club Member

WORK EXPERIENCE

Carnegie Mellon University/UnitedHealth Group Optum **June 2025 – July 2025**
Healthcare Analytics Research Intern *Pittsburgh, PA*

- Communicated complex modeling results through a research poster, technical report, and slide deck to a nontechnical audience of healthcare professionals, Carnegie Mellon students and faculty, and peer researchers.
- Collaborated in a 3 person team under the mentorship of PhD faculty to construct, analyze, and visualize modeling on publicly available health data.
- Engaged in weekly meetings with a personal mentor from UHG to sharpen professional skills and develop deeper understanding of healthcare analytics, industry practices, and interpersonal communication.
- Increased proficiency in R, Quarto, and Git while building a personal website to publish project results: thomaskim7241.github.io.

Cajun House **Jun 2023 – Present**
Front End Manager *Minneapolis, MN*

- Tracked inventory for restaurant supplies, assisting with stock management and cutting food waste.
- Efficiently managed high volume customer orders during peak hours with speed and accuracy, while maintaining service standards.
- Coordinated with kitchen staff and other team members to streamline communication, ensuring smooth service flow without compromising operational efficiency
- Optimized order pacing and seating arrangements to reduce wait times while maintaining customer satisfaction

Academic Project Experience

CMU/UHG **Jun 2025 – July 2025**
Predictors of Substance Abuse Outcomes Capstone Project *Pittsburgh, PA*

- Researched a U.S. county level dataset with 700+ variables and 3000+ counties to identify demographic and socioeconomic predictors of alcohol-involved driving and drug overdose deaths.
- Applied modeling techniques such as LASSO, Huber regression, random forests, and elastic net to high dimensional data, uncovering key predictors and transforming the results into insights for affected populations.
- Executed data cleaning through intuitive feature selection, correlation heatmaps, and imputation techniques.
- Developed exploratory and post-modeling visualizations through choropleth maps, bar charts, and network diagrams to display insights effectively.

SKILLS

- **Core Skills:** Statistical Modeling, Data Cleaning, Feature Selection, Visualization, Excel (Advanced)
- **Tools & Languages:** Microsoft Office Suite, RStudio, Quarto, Github