

Ross Kimme

rkimme2@illinois.edu • (217) 493-0956 • linkedin.com/in/rosskimme • rosskimme.com

Education

University of Illinois Urbana-Champaign **Urbana, IL**
B.S. in Information Sciences + Data Science **August 2025 to Present**

- Activities and Societies: Claude Builder Club, Hall Council, Habitat for Humanity

Relevant Skills

Pandas, SciPy, Scikit-learn	Data Analysis and Statistics	VS Code/Jupyter Notebooks
AI Assisted Development	Prompt Engineering	Python & Basic SQL
Data Visualization	Git/GitHub	Technical Writing

Relevant Coursework

STAT 207: Data Science Exploration, IP	ECON 302: Inter Microeconomic Theory, IP
STAT 107: Data Science Discovery, A+	TE 460: Lect in Engrg Entrepreneurship, IP
IS 145: Mapping Inequalities, A	CS 124: Intro To Computer Science I, IP

Projects

Data Science Analysis — Course Projects **August 2025 to Present**

- Built a deportation risk classifier using real ICE FOIA data to predict outcomes and interpret detention decisions, designed for nonprofit legal resource allocation.
- Analyzed 600+ polls from the 2024 election using confidence intervals and sampling distributions, identifying discrepancies between polling predictions and actual results.
- Explored NYC census tract demographics using geospatial analysis in GeoPandas to identify geographic inequality patterns
- Predicted World Happiness Index scores using economic and societal indicators, applying feature scaling to interpret variable importance

UIUC Course Explorer — Personal & Course Project **March 2026 to Present**

- Built a full-stack web app aggregating historical GPA data, live section status, and professor ratings into a unified platform for UIUC course planning.
- Implemented optimal gen-ed combination finder using a backtracking set-cover algorithm and prerequisite tree visualization via recursive node traversal.
- Added advanced filtering features including GPA sorting, prerequisite-free filtering, and histogram grade distributions not available on existing tools.

Work Experience

Indian Acres Swim Club **Champaign, IL**
Lifeguard and Swim Instructor **May 2023 to August 2025**

- Supervised facility safety, taught swim lessons, and trained new staff.