

**Erin Franke**  
[efranke@macalester.edu](mailto:efranke@macalester.edu)  
<https://erinfranke.netlify.app>

## EDUCATION

### Macalester College, Saint Paul, MN

- Bachelor of Arts Degree expected May 2023
  - Applied Mathematics and Statistics & Economics double major
- Relevant Coursework:
  - Math/Stats: Probability, Survival Analysis, Computational Linear Algebra
    - Statistical Machine Learning; Bayesian Statistics in Fall 2021
    - Experienced in R
  - Economics: Intermediate Micro & Intermediate Macroeconomic Analysis
    - Econometrics in Fall 2021
  - GPA: 4.0/4.0 (through Aug 2021)
- Honors:
  - Dewitt Wallace Distinguished Scholarship (*four year merit based scholarship*)
  - Dean's List (*fall 2019, college has since suspended list due to COVID-19*)

### Northside College Preparatory High School, Chicago, IL (2019)

## RESEARCH EXPERIENCE

- Carnegie Mellon University (*research assistant, CMU statistics/data science, summer 2021*)
  - Selected as part of a 15 person cohort for summer research in statistics and data science
  - Maximizing wOBA with Launch Angle and Exit Velocity with Adam Brodie (Houston Astros), Sarah Sult (WashU), and Brooke Coneeny (Swarthmore College)
    - Methodology: generalized additive models, logistic regression, skew normal and beta distributions
- #TidyTuesday: weekly event to practice data wrangling and visualization skills (*may 2021 -*)

## WORK EXPERIENCE

- Common Pantry Data Analysis Internship (*Jan 2021*)
  - Developed interactive statistical visualizations to map and analyze the zip code distribution of Common Pantry's clients as well as donations patterns before versus during the COVID-19 pandemic.
- Preceptor (*Sep 2020 -*)
  - Classes: Core Concepts in Computer Science & Introduction to Statistics at Macalester
  - Held office hours and graded
- Macalester MSCS Office Assistant (*Sep 2021 -*)
  - Assist with Macalester Math, Stats, and Computer Science events
- Leonard Center: assistant, Macalester College athletic complex (*2019-2021*)
  - In game statistics for men/women's basketball, general administrative tasks

## EXTRACURRICULARS/LEADERSHIP

- Macalester Varsity Softball (*2019 -*)
- Macalester Women in Economics (*2020 -*)
  - Junior Council Leader (*2021 -*)
- Student Athlete Advisory Committee (*2020 - 2021*)
- Macalester Food Recovery Volunteer Coordinator (*2019 - 2020*)
- Common Pantry Volunteer (*2015 -*)