

Aakash Karajgikar

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PROFESSIONAL OBJECTIVE

Junior double-major in Computational Mathematics and Statistics with a strong foundation in programming and mathematical modeling. Seeking a Summer 2027 internship in Statistician, Data Science, or Software Engineering, or leverage expertise in C++, Python, and advanced statistical analysis to solve complex technical challenges.

WORK EXPERIENCE

Statistical Consulting Services (NIU) | Remote

05/2026 – 08/2026

Volunteer Data Analyst & Consultant

- Cleansed and validated raw datasets containing 10,000+ survey responses across 25+ variables, building reproducible data pipelines in R (dplyr) and IBM SPSS to resolve data anomalies.
- Developed an interactive web chatbot to automate common user inquiries, reducing routine support queries by ~30% and improving response times.
- Executed two-sample t-tests and normality diagnostics (Shapiro-Wilk, Q-Q plots) across 3 distinct learning cohort samples (N = 500+), establishing statistical significance at $p < 0.05$.
- Developed custom parametric visualizations in ggplot2 across 3 consulting client deliverables, mapping p-values and effect sizes to guide strategic program decisions.

The Braven Accelerator (NIU) | Remote

08/2025 – 12/2025

Student Consultant Fellow — Increasing Alumni Presence (Capstone Project)

- Collaborated with a 5-member student consulting team to advise a non-profit mentoring client, developing 3 core strategies to boost alumni participation.
- Analyzed alumni engagement trends across 4 major social platforms, presenting 3 actionable marketing and application tools to optimize client outreach.
- Completed an intensive 14-week leadership capstone (25+ project hours), mastering client communication, cross-functional collaboration, and strategic problem-solving.

Jewel Food Stores Inc. | Naperville, IL

11/2021 – 08/2026

Courtesy Service Clerk

- Optimized front-end logistics and cart availability to slash customer checkout and loading wait times by 50% during peak hours.

EDUCATION

Northern Illinois University (NIU), DeKalb, IL

Anticipated graduation: 05/2027

Bachelor of Science in Statistics

- Relevant coursework: Model Building in Applied Mathematics; Intermediate C++; Numerical Analysis; Differential Equations; Statistical Inference; Unix and Network Programming.
- Cum GPA: 3.3

College of DuPage (COD), Glen Ellyn, IL

Graduated: 05/2025

Associate in Science in Mathematics

- Relevant coursework: Introduction to C++ Programming; Calculus III
- Cum GPA: 2.82

SKILLS

- Technical Skills: C++, Microsoft Excel, Python (NumPy, pandas), SQL, Julia (SciML), Data Analysis, UNIX bash scripting
- Languages: English (Fluent), Kannada (Moderate)