

Collin Henkel

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EDUCATION

University of Nebraska-Lincoln, Lincoln, NE

B.S., May 2026 (expected)

Majors: Data Science and Mathematics Minor: Japanese Studies

Study Abroad: USAC Nishinomiya – Kwansei Gakuin University, Fall 2025

Cumulative GPA: 3.677

SKILLS

- Programming: Python (pandas, NumPy, matplotlib), R, SQL
- Tools: Excel (VLOOKUP/XLOOKUP, INDEX-MATCH), Tableau, TensorFlow
- Concepts: Statistical inference, regression, machine learning, data validation

WORK EXPERIENCE

National Indemnity (A Berkshire Hathaway Company), Omaha, NE

Pricing Intern, June 2025-August 2025

- Conducted rate-checking analysis by comparing the calculated premiums produced in the company's new internal software to legacy CAMs with Excel in an effort to make sure rating systems produce consistent and accurate results
- Identified discrepancies in rate calculations and communicated findings to pricing analysts to support software refinement and validation
- Used Excel functions and lookup tools to streamline rate comparison workflows and reduce manual checking time
- Assisted in quality assurance testing for pricing updates by validating outputs and flagging irregularities for further review

UNL Course Evaluation Services, Lincoln, NE

Student Worker, May 2023-Present

- Imported and configured course data into an evaluation software, managing over 1,000 courses a semester while ensuring complete accuracy according to departmental guidelines
- Created Excel spreadsheets to collaborate with administrators across every college and align with their specifications
- Streamlined data entry workflow by scripting training videos and creating functions in Excel that are documented in our Microsoft Teams
- Troubleshooted data irregularities using logical analysis and validation tools across Excel, Tableau, and other university software

UNL Statistics Department, Lincoln, NE

Grader for Statistics and Applications, August 2024- December 2024

- Evaluated 1-2 assignments a week across 30 students, providing detailed feedback and promoting understanding of core statistical concepts
- Maintained accurate reports of grades using Canvas' grading software
- Ensured timely return of students' grades, helping them stay on track with course deadlines and exams

RELATED COURSEWORK

CSCE-320 (UNL) – Data Analysis

Applied Python for data cleaning, predictive modeling, and exploratory analysis using libraries like pandas and matplotlib

CSCE-311 (UNL) – Data Structures and Algorithms

Introduced core data structures such as arrays, trees, and graphs, and applied algorithms for searching, sorting, and traversal

CSCE-478 (UNL) – Introduction to Machine Learning

Applied supervised and unsupervised learning methods using Python and Tensor Flow, including regression, classification, model evaluation, feature engineering, and regularization on real-world datasets.

STAT-318 (UNL) – Introduction to Statistics II

Focused on inference methods, ANOVA, and regression using R and RStudio

MATH-428 (UNL) – Principles of Operations Research

Covered linear programming, game theory, queuing theory, Markov chains, and other optimization techniques

HONORS & ACHIEVEMENTS

Dean's List, UNL, Spring 2023, 2025

IBM Data Analyst, Coursera, Fall 2024