

## Hank Linder

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### PROFILE

Economics student with hands-on experience building AI-driven economic models, Monte Carlo simulations, and decision-support dashboards in partnership with BMW Manufacturing. Experienced in translating complex data and real-time inputs into actionable insights through analytics and application development.

### EDUCATION

#### Bachelor of Arts in Economics

Clemson University

Minor: Spanish Studies

Language: Spanish (Fluent)

May 2026

Clemson, SC

GPA: 3.46/4.00

### RELEVANT EXPERIENCE

#### Undergraduate Researcher - AI Optimization in Manufacturing

Clemson University in partnership with BMW

Fall 2025 - Present

Clemson, SC

- Chosen for a competitive interdisciplinary research initiative focused on optimizing BMW's manufacturing and data strategies through artificial intelligence.
- Built multiple working economic models and Monte Carlo simulations to assess ROI of AI implementation and quantify the value of proprietary manufacturing data..
- Developed responsive dashboards and web-based tools (using Python, Cursor, and Excel) to visualize cost-benefit analyses, risk exposure, and AI optimization pathways.
- Collaborated with faculty advisors and BMW corporate stakeholders to deliver data-backed, scalable solutions that target high-impact areas for AI integration
- Engineered simulations that incorporate probabilistic distributions, tornado charts, and scenario-based inputs, enhancing strategic decision-making frameworks

#### Application Development Project (BarFlow)

Independent Project

- Developed a real-time, location-based application that processes live data to track user activity and surface actionable insights..
- Designed application logic to translate continuous data streams into user-facing analytics and engagement features.
- Applied analytical and economic reasoning to product design, data handling, and scalability considerations.

### ADDITIONAL EXPERIENCE

#### Driver

Daniel Island Club

2023–Present

Charleston, SC

- Delivered reliable, client-facing service for 200+ members monthly in a high-expectation environment; maintained a 100% accident-free record.
- Supported private events and trained new staff, reinforcing safety, professionalism, and service standards.

#### Cashier

Publix Super Markets

2017–2023

Charleston, SC

- Managed high-volume transactions with consistent accuracy and efficiency.
- Trained and onboarded new employees, contributing to smooth operations and team performance.

### STUDY ABROAD

Summer 2025

- Completed upper-level Spanish coursework, strengthening professional fluency and cross-cultural communication skills.
- Gained firsthand exposure to international environments through extensive travel across Spain.

### TECHNICAL SKILLS

Python, R, Advanced Excel, Data Visualization & Dashboard Development, Monte Carlo Simulation, Scenario & Sensitivity Analysis, Economic & Financial Modeling, Analytics Tool Development, Application Logic & Data Handling, Cursor AI