

Alejandro Haerter

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Honors student with applied statistics and big data experience seeking a data science or analytics internship.

## EDUCATION

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University of Connecticut Aug. 2023 – Dec. 2026 (Expected)  
Bachelor of Science, Double Major: Statistical Data Science and Economics, Minor: Mathematics  
Accelerated M.S. Quantitative Economics: 12 credits of graduate coursework  
Honors Program  
GPA: 3.7/4.0  
Coursework: Data Science in Action, Statistical Programming, Statistical Computing, Probability, Econometrics

## EXPERIENCE

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Boulder Imaging Jun. 2025 – Aug. 2025  
*Data Sciences Intern* Louisville, CO  

- Contributed to data-science team at computer vision firm developing IdentiFlight, a neural network based avian anti-collision system for wind farms
- Built SQL-driven R/Python extraction, transformation, and loading (ETL) pipelines for 100+ GB of multi-site telemetry; generated machine learning classification metrics by altitude, velocity, and range
- Applied U.S. Fish and Wildlife Bayesian collision risk model across customer sites. Produced posterior estimates showing observed fatalities below predictions.
- Derived behavior analytics using jerk and acceleration filters with spline fits to label soaring, diving, and corkscrew flight. Presented at Global Sales Summit and Conference on Wind & Wildlife Montpellier, FR

UConn Department of Economics Aug. 2025 – Present  
*Peer Tutor* Storrs, CT  

- Tutor students in introductory, intermediate, and quantitative micro/macroeconomics
- Lead sessions on calculus-based optimization, comparative statics, IS-LM and AS-AD problem solving; developed concise review drills

Fairfield County Bank May 2023 – Jun. 2023  
*Marketing Intern* Ridgefield, CT  

- Supported development of marketing campaigns for financial products observing social media trends

## EXTRACURRICULAR

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UConn Rocketry (AIAA) Aug. 2023 – Present  
*Avionics Co-Lead* Storrs, CT  

- Cofounded UConn's first liquid-rocketry team with goal of making 500 lbf. rocket engine
- Designing and integrating avionics and data acquisition for liquid-propulsion testing with sensor inputs, interlocks, and video

## SKILLS & INTERESTS

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Skills: Python (pandas, SciPy), R (dplyr), Git, Excel, SQL, AWS (EC2, S3), MATLAB, MS Office, Spanish (Fluent)  
Interests: Automotive repair, Badminton, Skiing