

Lance Brady

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EDUCATION

Yale University, New Haven, CT

Expected Graduation May 2025

BS in Statistics & Data Science | GPA: 3.96/4.0

Awards: Richter Fellowship, Robin Berlin Fellowship

Activities: Club Lacrosse Co-Founder & President, Club Sports Budget Director, First-Year Orientation Leader, Club Baseball, Yale Dramatic Assoc. (Actor), Yale Radio Announcer, Club Water Polo, The Good Show Comedy Group, First-Year and Sophomore Council, Berkeley College Council, Intramural Secretary

Research: Analyzing BetFair sports betting data using Python (with Professor Tobias Moskowitz)

Summer 2024

Study Abroad: Business/Economics Program at Vrije Universiteit Amsterdam | GPA: 4.0/4.0

Fall 2023

Relevant Coursework: Sports Analytics (at Yale SOM), Intermediate Machine Learning, Linear Models, Statistical Case Studies, Bayesian Statistics, Statistical Theory, Multivariate Statistics, Micro/Macroeconomic Theory, Data Analysis, Stochastic Modeling, Computing Skills, Linear Algebra, Discrete Mathematics, Multivariable Calculus

Pelham Memorial High School, Pelham, NY

Graduated 2020

Valedictorian (Rank: 1st of 250) | *Weighted GPA:* 104 / 100 | *ACT:* 36/36

Awards: Memorial Tablet (highest honor to graduating male student, for scholarship, character & service), Symmetry Scholar-Athlete Award, 1st Place at JSHS Science Research Competition, NEC Award for Excellence in Spanish Study

EXPERIENCE

Big League Advantage, *Data Science Intern*, Remote

Oct 2024 – Present

- Refining player valuation models for minor league pitchers, incorporating injury data & coaching insights
- Developing end-to-end data acquisition pipelines and interactive dashboards using Python, Streamlit, and Jupyter to enhance communication between analytics and operations teams

New York Boulders, *Baseball Analytics and Operations Intern*, Pomona, NY

Feb 2024 – September 2024

- Leveraged Yakkertech data and video analysis to conduct comprehensive scouting of opposing pitchers and hitters
- Developed R scripts that streamlined data scraping for scouting purposes
- Collaborated closely with hitting and pitching coaches to analyze player performance using data and video insights

Yale Sports Analytics Club, *Baseball Analytics Assistant*, New Haven, CT

Jan 2024 – Present

- Creating umpire scouting, catcher framing, and pitching spin rate models in R from Trackman data

New York Mets, *Intern, Technology Solutions*, Queens, NY

May 2023 – Aug 2023

- Completed summer internship program for MLB team with exposure to baseball, business, and ballpark operations
- Supported the implementation of Mets Entry Express facial recognition ticketing system
- Analyzed sales and demographics data, providing insights to Marketing department

YES Network/Freelance, *Production Runner*, Greater New York City Area

Apr 2021 – Aug 2023

- Supported announcers, cameramen, production crew and producers during home and away MLB broadcasts

Yale Peabody Museum of Natural History, *Collections Assistant*, New Haven, CT

Feb 2022 – Dec 2022

- Managed and analyzed specimens in EMu database; conducted research, processed loans, and prepared specimens

Cape Town TV, *Environmental Desk and Production Intern*, Cape Town, South Africa

Feb 2021 – Apr 2021

- 12-week internship as part of production crew for in-house environmental show, *Guardians of Gaia*

SKILLS

- Computer Skills:* Statistical analysis in R, Coding in C, MATLAB, C++, Python, and SQL, Shiny R Web Application Development, Microsoft Office (Word, Excel, PowerPoint), EMu Collections Management System
- Other Skills:* Public Speaking/Presentation, Detail-oriented, Collaboration, Creativity, Spanish (Working Proficiency)