Brock Williams

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Education

Boston University, Questrom School of Business, Boston, MA — Expected Jan. 2026
M.Sc. Mathematical Finance & Financial Technology
- **Fall 24 courses:** Statistics (R), Programming (Python, C++), Stochastic Calculus, Finance

Whitman College**,** Walla Walla, WA — May 2023
B.A. Mathematics and Economics, Minor in Computer Science
Honors: Cum Laude
- **Courses:** Machine Learning, Econometrics, Data Structures, Discrete Mathematics

Skills and Credentials

Programming: R, Python, C++, SQL, SAS, Haskell

Work Experience

Washington State Tree Fruit Association, Yakima, WA — Aug. 23 – Aug. 24
Data Analyst
- Extracted and synthesized daily, weekly, and monthly reports, presenting data in user-friendly formats for membership distribution
- Analyzed incoming industry data from diverse sources, creating forecasts on agricultural trends using different techniques in Python
- Enhanced member access to actionable market insights, improving decision-making efficiency

Cascade Collegiate League, Hoquiam, WA — Summer 22
Data Analytics Intern
- Supported operations management with a focus on statistical analysis and performance metrics
- Processed player performance data to refine on-field strategies and outcomes
- Developed and presented visualizations to project player performance enhancements

Projects

Credit Score Classification (Whitman College, Walla Walla, WA). — Spring 23
- Developed a model built on raw data to predict an individual's credit score based on attributes such as age, salary, interest rate, and frequency of delayed payments (Python)
- Performed feature engineering and data wrangling to train data on the model

California Housing Price Prediction (Whitman College, Walla Walla, WA) — Spring 23
- Built a model that predicted housing prices in California by implementing multiple machine-learning techniques that included, but were not limited to Linear, Logistic, and Random Forest regression.
- Used sklearn metrics and SciPy stats to identify which method was most useful in our predictive model

Interests

Collegiate Athlete (Baseball), Whitman Investment Company (Member), English (Native), Spanish (Biliterate)