

Landon Waters

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EDUCATION

M.S. in Data Science, Willamette University

August 2025

- GPA: 4.0 (Transcript)

B.S. in Data Science, B.A. in Economics, Willamette University

May 2025

- GPA: 3.74 (Transcript) *Minor in Mathematics*

SKILLS

Languages: R; Python; PostgreSQL; Zsh/BASH; HTML CSS; LaTeX

Technologies: Google Workspace; Microsoft Office; Markdown

RELEVANT EXPERIENCE

ASA Datafest Best Data Visualization Award Participant, Willamette University – Salem, OR

April 2025

- Collaborated in a team to analyze a large, real-world dataset over a 48-hour challenge (under NDA until May 3).
- Built predictive models using Logistic Regression and XGBoost to extract insights and inform decision-making.
- Developed an interactive GIS map to visualize key findings and enhance interpretability of spatial trends.
- Presented results to a panel of professors and alumni, earning recognition for excellence in data visualization.

Project Manager, Willamette University Athletics – Salem, OR

May 2024 – Jan 2025

- Spearheaded defensive strategy analysis using HUDL, collaborating with coaches to align performance metrics with team objectives and effectively communicate actionable strategies to players.
- Designed and developed user-friendly visualizations of key performance metrics (e.g., pass pressures, coverages) on a web-based platform to support data-driven decision-making and enhance defensive tactics.
- Managed team workflows and resources efficiently, resolving roadblocks and ensuring seamless collaboration to achieve strategic objectives.

Eco-roof Installation Cost Benefit Analysis, Willamette University – Salem, OR

Jan 2024 – May 2024

- Led a cost-benefit analysis on installing eco-roofs at Willamette University by evaluating environmental, financial, and structural considerations, resulting in a 40-year forecast using NPV, IRR, and break-even analysis.
- Collaborated with a 4-person team to gather and synthesize input from industry professionals, government guidelines, and academic research, leading to a data-driven recommendation on eco-roof viability.
- Developed a financial model in Excel to estimate long-term costs and savings associated with green roof implementation, identifying that potential savings were outweighed by maintenance and installation costs.

EXTRACURRICULAR EXPERIENCE

Student Representative to the Board of Trustees, Willamette University

Oct 2024 - May 2025

- Represented SCIS students in discussions with the Board of Trustees, advocating for student interests in academic and institutional decisions.
- Developed public speaking and negotiation skills while collaborating with trustees, faculty, and administrators.

Collegiate Football, Willamette University – Salem, OR

Aug 2021 - Nov 2024

- Strengthened leadership and mentorship skills by serving on the Leadership Council (2023), fostering accountability and team cohesion.
- Improved program-wide communication by effectively coordinating with teammates and coaching staff to enhance on-field performance and team culture.

AWARDS/ORGANIZATIONS

Chi Alpha Sigma Inductee (Jan 2024 - Present) - *National College Athlete Honor Society* for undergraduate students exemplifying academic excellence

Gillis Senior Award (May 2025) - Awarding senior economics majors for outstanding work in economics and substantial contributions to the department.

Charles D. Allis Scholarship (April 2023) - Annual scholarship honoring two economic students for work in quantitative methods, extracurriculars, and selflessness.