

Contact

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Top Skills

Natural Language Processing (NLP)

Topic Modeling

Sentiment Analysis

Honors-Awards

Outstanding Achievement in
Quantitative Economics

William G. Dickinson Athletic Award

William B. Arce Leadership Award
(2x)

Dean's List

William DeForest

Graduate Student-athlete at the University of Chicago -- MS in
Applied Data Science
Seattle, Washington, United States

Summary

I recently earned my Master's in Applied Data Science from the University of Chicago, building on my background in Economics and Data Science from Claremont McKenna College. As a former college baseball player and two-time team captain, I thrive in team-oriented environments and embrace leadership roles.

I'm passionate about using data to drive clear, actionable insights that resonate across technical and non-technical audiences. My goal is to bridge the gap between business strategy and AI-driven decision-making, helping organizations turn data into impactful solutions.

Fascinated by AI and natural language processing, I'm continuously learning and exploring ways these technologies can improve lives. I'm actively seeking full-time opportunities in data analytics, data science, product management, or AI consulting in the Seattle or Bay Area.

Experience

Lumentum

Data Science & Analytics Intern

June 2024 - September 2024 (4 months)

Seattle, Washington, United States

- Enhanced the LISA (Lumentum Invoiced Spend Analytics) Tableau dashboard with 50+ improvements, improving user experience and supply chain visibility into \$1B+ in spend
- Automated data freshness testing with a Python script, reducing manual processing time by 95% and delivering tailored reports for leadership, analysts and IT
- Resolved 12+ HelpDesk tickets, assisting 20+ users with performance metrics calculations and Tableau data issues, improving user satisfaction and engagement

Arizona Diamondbacks

Research & Development Intern

June 2023 - September 2023 (4 months)

Phoenix, Arizona, United States

- Prepared a large dataset with 5 years of player strength, game performance, and kinematic sequencing data.
- Built a neural network to predict pitch velocity, enhancing training strategies and supporting player development.
- Presented findings to diverse stakeholders including the Director of R&D, coaches, and players, translating insights into actionable recommendations.

Claremont-Mudd-Scripps Athletics

3 years 9 months

Athletic Trainer Aide

September 2022 - May 2023 (9 months)

Claremont, California, United States

- Learned techniques to treat athletes with electric stimulation, cupping, light therapy, icing and heating
- Shadowed athletic trainers at game events and assisted with on-field injury treatment

Catcher

September 2019 - May 2023 (3 years 9 months)

Claremont, California, United States

2020, 2022, 2023 SCIAC All-Academic Team

The Robert Day School of Economics and Finance at Claremont

McKenna College

Data Science Tutor

September 2022 - December 2022 (4 months)

Claremont, California, United States

- Tutored students in the R-programming-based Data Science for Statistical Learning course
- Guided students through problem sets, exam review, and trouble-shooting code

The Graphite Group

Engagement Manager

February 2021 - December 2022 (1 year 11 months)

Claremont, California, United States

- Managed a team of four and coordinated weekly meetings, project timeline, and performance reviews
- Performed market, competitor, and financial analysis on the resort hotel industry in the Pacific Northwest
- Communicated and worked directly with the client to coordinate deliverables and presentations

Washington Holdings, LLC

Data Analyst Intern

June 2022 - August 2022 (3 months)

Seattle, Washington, United States

- Built interactive Pitchbook dashboards that included tenant company profiles and automatic email notifications
- Designed, distributed, and analyzed a tenant return-to-work survey to project future market needs
- Created charts and other visualizations in Tableau describing the R&D tenant portfolio for the executive team

Econ One Research

Associate Analyst Intern

May 2021 - August 2021 (4 months)

- Focused solely on *Senne v. Major League Baseball*, a landmark class-action suit regarding wage violations
- Constructed an internal database of all documents received from counsel to be presented in a court of law
- Converted team schedules, rosters, and daily itineraries into a consistent format for statistical analysis

Claremont McKenna College

Research Assistant

September 2020 - December 2020 (4 months)

Claremont, California, United States

- Worked closely with Professor Gastón Espinosa on the 2020 Latino Religion and Politics Survey
- Analyzed data and created clear, organized tables in Word for distribution to the media
- Created 60+ bar graphs, pie charts, and tables in Excel
- Designed an 80-slide PowerPoint presentation to be used for communicating the survey findings

GEM Real Estate Partners

Summer Intern

May 2020 - December 2020 (8 months)

Seattle, Washington, United States

- Performed market research on the Seattle hotel industry
- Worked with financial models in Excel
- Operated a drone and photographed owned properties as well as potential property acquisitions
- Responsible for property management tasks such as groundskeeping and programming lighting systems

Education

University of Chicago

Master of Applied Data Science, Data Science · (August 2023 - December 2024)

Claremont McKenna College

Bachelor of Arts, Economics with a Sequence in Data Science, Economics · (August 2019 - May 2023)

Lakeside School

High School Diploma · (2015 - 2019)