## **WILLIAM DEFOREST**

[williamdeforest29@gmail.com](mailto:williamdeforest29@gmail.com) | (206) 678-6215 | Seattle, WA | [GitHub: wdeforest23](https://github.com/wdeforest23) | [LinkedIn: William-DeForest](https://www.linkedin.com/in/william-deforest/)

**EDUCATION**

**The University of Chicago | Chicago, IL | MS in Applied Data Science | GPA: 4.0/4.0** **Dec 2024**

* Courses**:** Statistics, Machine Learning, Data Engineering, NLP, Computer Vision & Deep Learning, ML Ops

**Claremont McKenna College | Claremont, CA | BA in Economics with a Data Science Sequence** **May 2023**

* Graduated *Magna Cum Laude* with Honors in Economics; GPA: 3.97/4.0
* Courses: Econometrics, Applied Microeconometrics, Corporate Finance, VC & Entrepreneurial Finance, Env. Econ
* Awards: Best Quantitative Economics Student (2023), Dickinson Athletic Award for Leadership (2023)

**EXPERIENCE**

**Lumentum – San Jose, CA (Remote) | *Data Science & Analytics Intern* Jun 2024 – Sep 2024**

* Optimized a Tableau dashboard tracking $1B+ in spend, enhancing usability for 50+ stakeholders
* Automated data freshness and integrity testing with a Python script, reducing manual processing time by 95%
* Conducted ad hoc analyses using SQL, dbt, and Tableau to support business decisions and improve user satisfaction
* Partnered with product and engineering teams to resolve HelpDesk tickets and ensure data accuracy

**Arizona Diamondbacks – Phoenix, AZ | *Research & Development Data Analyst Intern* Jun 2023 – Sep 2023**

* Prepared and analyzed a large-scale player performance dataset, ensuring data quality for predictive modeling
* Built a neural network to forecast pitch velocity using inputs from strength tests and kinematic sequencing data
* Identified key performance drivers and provided data-backed recommendations to optimize player development
* Presented findings to coaching staff and technical leadership, translating analysis into actionable strategies

**Washington Holdings – Seattle, WA | *Data Analyst Intern, R&D Property Team* May 2022 – Aug 2022**

* Spearheaded integration of PitchBook data into internal systems, boosting financial insights on tenant performance
* Led a data collection and survey analysis project, assessing return-to-office trends for 100+ tenants
* Designed and presented 8 Tableau dashboards to senior executives, improving portfolio visibility and decision-making

**EconOne Research Inc. – Remote | *Associate Data Analyst Intern – Brian Kriegler Group* May 2021 – Sep 2021**

* Analyzed class-action wage data for *Senne v. MLB,* contributing to a $185M settlement for 20,000 minor leaguers
* Standardized 200+ PDFs into structured Excel formats, ensuring high accuracy for statistical review

**Graphite Group Consulting – Claremont, CA | *Consultant and Team Lead* Feb 2021 – Dec 2022**

* Led weekly meetings, managed project timelines, and conducted performance reviews for a four-person team
* Analyzed market trends, competition, and financial data to develop insights into the Pacific Northwest resort industry

**LEADERSHIP & PROJECTS**

**University of Chicago Conversational AI Research Capstone | InternationAlly | *Project Manager***

* Developed an LLM-powered chatbot to help international students find housing, resources, and adapt to life abroad
* Designed and deployed an agentic AI product, integrating multiple data sources and APIs into a Streamlit application

**Claremont McKenna College Data Science Capstone | Los Angeles Dodgers | *Project Lead***

* Led a team of four to build predictive models, helping third-base coaches decide when to send runners home
* Developed logistic regression and random forest models using player speed and fielding metrics for Dodgers’ R&D

**Claremont-Mudd-Scripps (CMS) Varsity Baseball | *Captain***

* Fostered a culture of teamwork and resilience as a two-time team captain, contributing to the best record in 30 years

**SKILLS & INTERESTS**

* Technical Skills: Python, R, SQL, Tableau, Databricks, Excel, ML Ops, Data Wrangling, Conv. AI, MS Suite
* Interests: Generative AI, AI agents, baseball, personal finance, real estate investing, weightlifting & nutrition, hiking