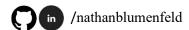




Nathan Blumenfeld



EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Expected May 2023

Bachelor of Science, Information Science, Systems, and Technology

Primary Concentration in Data Science, Secondary Concentration in Networks, Crowds, and Markets, Minor in Classics

Selected Coursework: Machine Learning for Intelligent Systems, Object-Oriented Programming & Data Structures, Discrete Structures, Linear Algebra, Practical Tools for Operations Research, Machine Learning, & Data Science

St. Peter's Preparatory School, Jersey City, NJ

Aug 2015-May 2019

Magna Cum Laude, Top 5% of Graduating Class, National Honor Society, AP Scholar with Distinction

PROFESSIONAL EXPERIENCE

Cameo, Data & Analytics Intern

Jun-Aug 2021

- Collaborated with talent, finance, and product orgs to empower teams with data, gaining diverse experience
- Developed intensive SQL queries for A/B testing, classification modeling, and data model improvements
- Built library to evaluate relevance of external data with functionality for rapid transformation and visualization
- Designed and built ETL pipeline for Google Trends data with Airflow as part of personal intern project, presented promising findings with respect to talent popularity alongside a broad set of identified business opportunities

RELATED EXPERIENCE

Big Red Sports Network, Analytics Team Member

Apr 2021-Present

- Launched collaboration with Cornell Baseball to deliver data-driven improvements to strategy and performance
- Developing internal database combining information from disparate sources to enable fundamental analyses
- Authoring functionality to calculate advanced batting, pitching, and win probability statistics at scale

LEADERSHIP EXPERIENCE

Sigma Alpha Mu Beta Chapter, Treasurer, prev. House Manager

Feb 2020-Present

- Elected by peers to 4-man leadership team, responsible for construction and execution of \$600k+ annual budget
- Directed logistics for 70+ member org; oversaw maintenance, compliance, and upkeep of 21,605 sqft. house

Men's Rugby Football Club, Treasurer, prev. Vice President for Public Relations

Aug 2019-Present

- Responsible for creation, allocation, and oversight of \$10k+ annual budget for travel, lodging, and team goods
- Ideated and executed new recruitment strategies, resulting in a 75% year over year increase in team membership

SPECIALIZED SKILLS

Programming Languages: Python, Java, SQL, R, PHP, HTML, CSS

Packages & Tools: Git, Looker, Tableau, Excel, dbt, Airflow, Snowflake, Docker, NumPy, Pandas, GIS

Certifications: Kaggle Advanced SQL, Rapsodo Baseball Hitting, EdX Sabermetrics 101

Foreign Languages: English (Native), Spanish (Intermediate), Latin (Proficient)

PROJECTS

Hedonic Price Modeling of Collegetown Rentals

An analysis of Ithaca area rent prices using custom scraped data from university off-campus listings site.

College Baseball Sabermetrics Library

An open-source library for obtaining advanced collegiate-level baseball statistics and visualizations, in progress.