




 njb93@cornell.edu

 (201) 492-3944

 509 Wyckoff Rd., Ithaca, NY

Nathan Blumenfeld

  /nathanblumenfeld

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

Relevant 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*

May-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 other business metrics
- Built library to evaluate relevance of external features, created pipeline for data identified as useful with Airflow

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 logistical operations for 70+ member organization, introduced streamlined communication protocols
- Oversaw maintenance, compliance, and upkeep of 21,605 sqft. house, devised functional physical improvements

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
- Overhauled online presence, resulting in a manifold increase in social media impressions and followers

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 disparate sources to enable fundamental analyses
- Authoring functionality to calculate advanced batting, pitching, and win probability statistics at scale

SPECIALIZED SKILLS

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

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

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