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 Ithaca, NY | Hoboken, NJ

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

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 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

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.