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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 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.