

# Jack Tonina

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113 Hillside Street #2 Boston, MA 02120

## Education

**Northeastern University, D'Amore-McKim School of Business**

**Boston, MA**

*Candidate for Bachelor of Science in Business Administration, Concentration: Finance*

*May 2022*

*Minors: Data Science & Economics*

**GPA: 3.5**

*Awards and Activities: Dean's List, Code4Community, Phi Gamma Delta (FIJI), Finance and Investment Club*

## Experience

**EverQuote**

**Boston, MA**

*Data Engineering / Business Intelligence Co-op*

*January 2021 – Present*

- Developing an integrated suite of Tableau dashboards to provide visibility into recent performance for various areas of the business at granular levels, working closely with executive stakeholders to ensure needs are met with a common solution for all end users
- Leading company-wide efforts to create proactive monitoring processes for key business KPIs to identify and appropriately respond to recent trends in monetization in an organized and agile fashion
- Maintaining and updating our Snowflake data structures and DBT procedures, in addition to creating new tables for reporting products and scripts to automate previously time intensive manual processes
- Contributing to a new data science model to more accurately predict consumer intent and lifetime value, which will enable better ad spend allocation and data-driven pricing for leads
- Regularly conducting user interviews to collect feedback and ensure our products are fulfilling all needs

**Code4Community**

**Boston, MA**

*Co-Founder, Project Manager*

*May 2019 – August 2021*

- Co-founded the Northeastern club to develop software solutions for non-profits in the Boston area at no cost, while providing students with the opportunity to gain real world software development experience
- Communicated with non-profit and technical lead to plan and break down the multi-year project, translating business requirements into clear, actionable tickets for our team of developers and designers
- Worked alongside the non-profit client's Director of Operations and our developers to ensure visions were aligned throughout the project, feedback was being circulated and client needs were actively being met

**Wayfair**

**Boston, MA**

*Demand Forecasting Co-op*

*July 2020 – December 2020*

- Assisted with division-wide efforts to transition data storage, processing and all analytical tools from SQL Server to Google Cloud Platform to create a more efficient and scalable data infrastructure
- Developed an interconnected tool suite of six dashboards in Google DataStudio to replace legacy Excel tools, which minimized time spent on refreshes, maintenance and new feature additions
- Rearchitected data structures and procedures for forecasting in Google Cloud, speeding up and streamlining processes that were lengthy and failure prone for our team and its stakeholders

## Projects

**Hands Across the Sea (Code4Community):** Developed a data collection system and visualization tool now used in over 200 schools across 6 countries for the non-profit aimed at increasing literacy amongst youth in the Caribbean

**COVID-19 ETL Framework:** Built a tool using Python and Spark enabling users to conduct basic analysis on testing data from The COVID Tracking Project and The New York Times through the input of simple YAML files

**MLB Statistical Modeling:** Created multiple models in R which consumed stadium dimensions and Statcast data to predict the average homerun distance of players and classify each stadium as hitter or pitcher friendly

## Skills and Interests

**Technical Skills:** Proficient in Python, R, SQL, Snowflake, Tableau, GitHub, Google Cloud Platform (BigQuery, DataStudio) & Excel (Pivot Tables, VLOOKUPS, Macros); Experience in Git, Spark, Scala & JavaScript

**Interests:** Baseball, Cooking, Investing and International Travel