

# Sreya Katabathuni

✉ sreya.kata@gmail.com ☎ (609) 902 2019 </> [github.com/sreya-kata](https://github.com/sreya-kata)

👤 [linkedin.com/sreya-kata](https://linkedin.com/sreya-kata) 📅 Availability: Summer 2023 🖱 [sreyakata.com](https://sreyakata.com)

## EDUCATION

**Northeastern University**, Boston MA

Sep. 2019 - Present

Candidate for Bachelor of Science in Computer Science/Business Administration

Exp. May 2023

**GPA:** 3.8/4.0 | Dean's List | Dean's Scholarship

**Relevant Coursework:** Object-Oriented Design, Management Information Systems, Database Design, Algorithms and Data, Foundations of Data Science, Discrete Structures, Large-Scale Information Storage and Retrieval

**Leadership:** HackBeanpot Co-Director, Her Campus Northeastern Editor in Chief

## COMPUTER KNOWLEDGE

**Languages:** TypeScript/JavaScript, Java, Python, SQL, Cypher (Neo4j), GraphQL

**Frameworks:** React, Redux, FreeMarker (FTL), Bootstrap, Gatsby, Node.js

**Applications:** Git, Adobe CC, Shopify, Figma, MongoDB, Android Studio (Java), Elasticsearch (ES), Docker

## RELATED EXPERIENCE

**Software Developer Co-op – Wood Mackenzie**, Boston MA

July 2022 - Present

- Migrate data from data manager to map platform by building GraphQL endpoints and adjusting pipelines to ES.
- Improve data manager by adding and enhancing features using React to allow GraphQL queries from Postgres.
- Undertook data load by writing Python scripts that query from Neo4j and write SQL insert statements.
- Conduct technical and behavioral interviews for prospective co-ops and holistic feedback on recruitment.
- Contribute to routine code reviews and provide correspondence in weekly cross-team check-in meetings

**Technical Lead and Developer – Scout Studio**, Boston MA

Jan. 2021 - May 2022

- Revamped a skincare company's website, built off a Shopify theme in Liquid to add templates and custom pages.
- Oversaw development tasks for 2 developers by maintaining GitHub tickets and workflows.
- Utilized Gatsby to build a website with React components, GraphQL queries and Contentful data management.
- Collaborated with an agile team of 5 designers and developers to deliver a marketing website for a student club.

**Software Engineering Co-op – CarGurus**, Boston MA

May 2021 - Dec. 2021

- Spearheaded frontend development of account hub pages to remove legacy FTL code and outdated design.
- Implemented React components with Java APIs to increase lead conversion on returning user pages by 2-4%.
- Optimized consumer retention by working on email marketing and workflows on Iterable.
- Launched mobile push notifications for returning users through A/B testing code snippets on Iterable.
- Analyzed customer interactions with Snowplow data queries and SQL statements to track UI usages and clicks.

## PROJECTS

**Predicting Presidential Election Results - Python (Scikit-Learn, Pandas)**

Feb. 2021 - April 2021

- Executed regression analysis with historical election data to predict voter proportions with a 2% average error.
- Leveraged machine learning tactics with decision trees and data analysis to consider demographic clustering.

**COVID-19 Vaccine Waste Tracker – Java (Spring Boot), SQL, React**

Feb. 2021

- Produced an application during HackBeanpot 2021 to efficiently record and track vaccines going to waste daily.
- Bestowed frontend to React to connect 5 local API endpoints from Java Spring Boot, from a SQL database.