

Sreya Katabathuni

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

EDUCATION

Northeastern University, Boston MA

Sep. 2019 - Present

Candidate for *Bachelor of Science in Computer Science/Business Administration*

Exp. May 2023

Khoury College of Computer Science

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, HTML/CSS, Python, SQL, Cypher, GraphQL

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

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

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 make GraphQL queries from Postgres.
- Conduct technical and behavioral interviews for prospective co-ops at least once a week.

Technical Lead and Developer – Scout Studio, Boston MA

Jan. 2021 - May 2022

- Coordinated development tasks for a growing skincare company's website built off a Shopify theme.
- Employed Gatsby to generate a React-based website with GraphQL API calls 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- Spearheaded frontend development of account hub pages to remove legacy FTL code and outdated design.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%.
- Anchored consumer retention with a team of 10 working on push notifications and email marketing on Iterable.
- Analyzed customer UI interactions with Snowplow data queries and SQL statements.

Teaching Assistant (Discrete Structures) – Khoury College of Computer Science, Boston MA

Sep. 2020 - Dec. 2020

- Led office hours over Microsoft Teams and attended recitation seminars for 15 hours a week.
- Taught concepts regarding logic, proofs, probability, and graph theory to ingrain strong critical thinking skills
- Supplied appropriate feedback on assignments and exams to sustain grades for 100 students.

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.