Sreya Katabathuni

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🗓 Availability: Summer 2023   📍 Boston, MA   👆 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: Java, HTML/CSS, TypeScript/JavaScript, Python, SQL, Cypher, GraphQL

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

Applications: Git, Adobe CC, Intellij, Shopify, WordPress, Figma, MongoDB, Android Studio, Docker, Elasticsearch

RELATED EXPERIENCE

Software Developer Co-op – *Wood Mackenzie,* Boston MA   *July 2022 - Present*
- Migrate application to another platform by using Elasticsearch to query from GraphQL and host on Docker.
- Improve Data Manager by maintaining legacy code using a React frontend and 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 React and Gatsby with backend CMS API calls and data management to administer deployment.
- Collaborated with an agile team of 5 designers and developers to deliver a club website with 6 pages.

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- Spearheaded frontend development of account hub pages to remove legacy FTL code and outdated design.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.