

Sreya Katabathuni

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📅 Availability: July 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, JavaScript, Python, SQL, NoSQL, GraphQL

Frameworks: React, Bootstrap, Swing, Gatsby, FreeMarker (FTL)

Applications: Git, LaTeX, Adobe CC, IntelliJ, Shopify, WordPress, Figma, MongoDB, Android Studio, Windows, MacOS

RELATED EXPERIENCE

Software Developer Co-op – Wood Mackenzie, Boston MA

July 2022 - Present

- Implement features for applications utilizing React frontend and NodeJS microservices.
- Improve Energy Transmission Platform by maintaining legacy code and working off weekly sprints
- Conduct technical and behavioral interviews for prospective co-ops.

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- Spearheaded frontend development of account hub pages to remove legacy FTL code and outdated design.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

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

Sep. 2020 - Dec. 2020

- Served 15 hours a week holding office hours over Microsoft Teams and attending recitation seminars.
- Reinstated 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.
- Undertook Git as version control and went through project process over a weekend with 3 other developers.