

# Sreya Katabathuni

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📅 Availability: July - December 2022 📍 Boston, MA 🖱 [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

Khoury College of Computer Science

**GPA:** 3.75/4.0 | Dean's List | Dean's Scholarship

**Relevant Coursework:** Object-Oriented Design, Management Information Systems, Database Design, Algorithms and Data, Experience and Interaction, Foundations of Data Science, Discrete Structures

## COMPUTER KNOWLEDGE

**Languages:** Java, HTML/CSS, JavaScript, Python, SQL, GraphQL

**Frameworks:** React, Bootstrap, Swing, Gatsby, Freemarket

**Applications:** Git, LaTeX, Adobe CC, IntelliJ, VS Code, WordPress, MySQL, Figma, Contentful, Jira, Netlify

## EXPERIENCE

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

May 2021 - Dec. 2021

- Spearheaded frontend development of account hub pages with backend and design dependencies.
- Administered React with Java APIs to serve the data displayed on returning user pages.
- Anchored consumer retention with a team of 10 working on push notifications and email marketing.

**Developer – Scout Studio**, Boston MA

Jan. 2021 - May 2021

- Collaborated with an agile team of 5 designers and developers to conduct client projects over 4 months.
- Developed brand and identity features for a website with 6 pages and collaborative Github code reviews.
- Employed React and Gatsby with back-end CMS API calls and data management to administer deployment.

**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 grading assignments for 100 students.
- Reinstated concepts regarding logic, proofs, probability, and graph theory to ingrain strong critical thinking skills.

**Web Development Instructor – International Ivy Enrichment**, Princeton NJ

May 2020 - Aug. 2020

- Oversaw groups of 6 children on web development using HTML/CSS and WordPress to foster technology skills.
- Instructed fundamental design and programming concepts on Zoom and W3Schools for 9 weeks.
- Ensured focus and engagement for at least 3 hours daily to encourage group participation.

## 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.

## INTERESTS

Painting, Running, Writing (Her Campus Northeastern Editor in Chief), Hackathons (HackBeanpot Core Member)