

Education

University of Massachusetts Amherst - Class of 2024

August 2020 - May 2024

- **4.0 GPA**
- B.S. in Computer Science
- Relevant Coursework: Machine Learning, Artificial Intelligence, Computer Networks, Search Engines, Algorithms

Technical Skills

Programming Languages: Python, Java, C, JavaScript, HTML, CSS, PHP, SQL

Frameworks: Spark, React Native, Django

Other: Linux, Stored Procedures, DBeaver, Jenkins, GitHub, Agile, IBM Cognos Analytics

Technical Experience

IBM

August 2024 - Present

Data Engineer

Durham, NC

- Optimized Spark jobs processing millions of rows to improve data accuracy and reduce runtime by 83% despite limited business context, ensuring access to correct and timely business intelligence
- Navigated interconnected development environments where dependent applications often had unclear ownership, collaborating across teams to address business context gaps

IBM

May 2023 – August 2023

Backend Developer, Intern

Lowell, MA

- Integrated custom features into IBM Watson Discovery using React to create a tailored search interface, enhancing the productivity of teams querying for internal documentation.
- Constructed a monitoring dashboard that extracted data from SQL servers through IBM Cognos Analytics, streamlining Jenkins job tracking and analysis

athenaHealth

June 2022 – August 2022

Software Engineer, Intern

Watertown, MA

- Spearheaded development of form pre-population using Drupal, PHP, JavaScript, and SOQL to reduce prospect friction and increase acquisition rates.
- Identified gaps of knowledge and coordinated meetings with stakeholders to gather necessary information to facilitate completion of the project.

Revere City Hall

October 2019 – August 2020

Software Engineer, Intern

Revere, MA

- Leveraged Java, React Native, and Firebase to develop a full stack inventory management system, streamlining tracking of over 150 of Water and Sewage Department's supplies and of city's COVID-19 supplies.

Projects

Classmate Finder at UMass | HTML, JavaScript, CSS, Django

September 2020 – January 2022

- Deployed website to allow UMass students to seamlessly share social media accounts with others in their classes, creating 5000+ connections between students and meeting with Vice Chancellor to discuss official adoption
- Continuously devised and implemented useful features to elevate user experience, such as an email notification system, the ability to add group chat links, and a Chrome extension.

Digital Map of Revere High School | HTML, JavaScript, CSS

September 2019 – March 2020

- Developed an interactive digital map of high school to assist students with building navigation, featuring pathfinding to identify the shortest route between classrooms and displaying teacher locations by period for easier accessibility.