

## EDUCATION

**Stevens Institute of Technology**  
**Hoboken, NJ**  
**Bachelor of Science in Computer Science**  
**Expected May 2024**  
**GPA: 3.986**

## SKILLS

### Languages:

- Java
- Python
- SQL
- MATLAB
- R
- HTML/CSS

### Software:

- Tableau
- Excel
- Microsoft SQL Server

### Other:

- Jupyter Notebook
- Git/GitHub
- Visual Studio Code

## COURSES

- Data Structures
- Discrete Structures
- Fundamentals of Information Systems
- Linear Algebra
- Computers & Society

## AWARDS & HONORS

### Edwin A. Stevens Scholarship

*Awarded December 2019*

### Dean's List

*Awarded for Fall 2020, Spring 2021, and Fall 2021 semesters*

## PROFESSIONAL EXPERIENCE

### Researcher at Stevens Institute for Artificial Intelligence

*Stevens Institute of Technology | Hoboken, NJ | Nov. 2021 - Present*

- Applied for and was accepted as a researcher on the SIAI Spring 2022 Research Project
- Working to develop AI-based algorithms to mitigate the consequences of toxic sewage overflows and pollution within waterways

### Data Analyst

*Dot Loves Data | Wellington, New Zealand (virtually) | May-July 2021*

- Conducted research using NLP and sentiment analyses to investigate how these functionalities may be used on historical documents
- Cleaned text corpora and utilized R to perform sentiment analyses on corpora in order to draw insights and analyze trends from historical text

## PROJECTS

### Sign of the Times: Sentiment Analysis on Historical Text and the Implications of Language Evolution

*Completed July 2021*

- Applied sentiment analyses and NLP techniques to historical corpora spanning 1600-2009 to investigate if results depict language evolution overtime
- Visualized results using the ggplot2 package in R
- Currently working to publish the paper in an international journal

### Stevens Institute for Artificial Intelligence Spring 2022 Project in Partnership with Eastech Controls

*January 2022-Present*

- Developing advanced AI solutions for predicting flows and risks of failure in a specific pipeline as a part of a five-person team
- Performing applied research on other questions that are of interest to Eastech

## LEADERSHIP & VOLUNTEER EXPERIENCE

### Dean's Student Advisory Board

*Stevens Institute of Technology | Sept. 2020-May 2021*

- Communicated with Stevens School of Business students in the Class of 2024 and highlighted concerns to the Dean of the school
- Implemented clubs, activities, fundraisers, and other events to improve the school with the Dean and the other representatives

### Volunteer at the River Edge Public Library

*River Edge, NJ | Jul. 2016-Present*

- Ran the Summer Reading Program Desk for several hours a week over several weeks for three Summers
- Created, implemented, and ran the program for children entitled Puzzle Day
- Complete various tasks around the library