

# Ross Sheng

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## EDUCATION

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**Boston University, Metropolitan College** Boston, MA, USA

Since September 2021

*Master of Science in Software Development*

*Expected Graduation: May 2023*

**Boston University, College of Communications** Boston, MA, USA

September 2017 – May 2021

*Bachelor of Science in Advertising, Minor in History*

## Relevant Courses

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### Completed:

#### *Advanced Programming Techniques:*

- Explored concepts in concurrency, searching/indexing with Lucene.
- Learned database management with MySQL and MongoDB, as well as shell scripting concepts with Linux.

#### *Information Systems with Python:*

- Explored data analysis and machine learning concepts with Python.
- Developed a fake news detection web application with Python.

#### *Data Structures and Algorithms with Java:*

- Implemented numerous data structures to solve computation problems.

### In-Progress:

#### *Agile Software Development:*

- Exploring Scrum principles and the software development life cycle within an Agile practice.

#### *Software Design and Patterns:*

- Exploring implementations of numerous object oriented software design principles.

### Upcoming:

*Web Application Development*

*Software Engineering*

*Information Systems Analysis and Design*

*Artificial Intelligence*

## Projects:

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### Fake News Detector:

Class Project

- Developed a web application that would take an article URL as input and return if that article was real or fake news.
- Applied natural language processing techniques to vectorize datasets.
- Trained a classifier model with a dataset to precisely detect if a given article was real or fake.

*Github link:* <https://github.com/CS521-Burstein/final-project-rosssheng>

### Spotify Clone Web Application:

Personal Project

- Developed a Spotify clone where you can search and listen to songs with JavaScript.
- Gained a fundamental understanding of using web APIs and online libraries to add functionality to an application.

## SKILLS

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*Software:* Experienced in Python, Java, and JavaScript.

*Languages:* Native in English, advanced in Japanese, and advanced in Mandarin.

## EXTRACURRICULAR ACTIVITIES/LEADERSHIP EXPERIENCE

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Japanese Student Association

Lambda Phi Epsilon Fraternity