

SAMANTHA M. RIGOR

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EDUCATION

Boston University, College of Arts and Sciences

Boston, MA

B.A. Computer Science and Linguistics (GPA: 3.67/4.0)

August 2024

Relevant Coursework: Natural Language Processing, Computational Linguistics, Linguistic Field Methods, Introduction to Database Systems, Second Language Acquisition, Distributed Systems

WORK EXPERIENCE

Boston University Phonetics, Acquisition & Multilingualism Lab

Boston, MA

Research Assistant

May 2021 – February 2023

- Awarded Student Research Award by the BU Undergraduate Research Opportunities Program to research coda coronal stop deletion in Asian American speech with Professor Charles B. Chang.
- Analyzed corpus of spontaneous and elicited linguistic data for the “Asian Americans in Boston” project.
- Transcribed speech recordings into English text and the International Phonetic Alphabet.
- Presented a co-authored poster at the 98th Annual Meeting of the Linguistic Society of America.

Intergenerational Literacy Program

Chelsea, MA

America Reads and Counts Tutor

October 2020 – May 2021

- Aided teachers with ESOL curriculum for 4 classes of 15-20 learners served by program.
- Initiated and led conversations to aid groups of 5-6 learners with English speaking and listening.
- Answered learners’ inquiries regarding grammar, lesson activities, and American culture.
- Guided learners through readings and discussion questions to boost reading and writing skills.

SELECTED PROJECTS

Generative AI Policy and Advice Landscape, *BU Spark! Machine Learning Practicum*

- Collaborated with two students to develop an automated data pipeline to extract keywords and summaries from documents regarding use of generative AI in public and private sectors.
- Participated in weekly meetings with members of the BU AI Task Force, a group assembled by the Office of the Provost to recommend University regulations on generative AI in academia.
- Edited in Google Colaboratory and GitHub. Utilized the Natural Language Toolkit suite, BERTopic, SpaCy, PyVis, and the OpenAI API.

Literary “Translator,” *Computational Linguistics*

- Developed a Jupyter Notebook “translator” that takes user input and outputs a sentence with a similar meaning but in the literary style of author Jane Austen.
- Processed input data and replaced each word with a synonym used in Jane Austen’s *Emma*.
- Edited in Google Colaboratory. Worked with packages within the Natural Language Toolkit suite (WordNet, Word2Vec, Project Gutenberg).

LEADERSHIP

Kappa Kappa Psi, Theta Beta

Boston, MA

Vice President of Service

April 2023 – April 2024

- Planned and directed service events to support the Boston University Bands program.
- Communicated with ensemble directors to discuss service logistics for performances and rehearsals.
- Taught 20+ members how to complete service tasks and provided constructive feedback.
- Collaborated with the Vice President of Service of Tau Beta Sigma, Eta Gamma for joint service projects.
- Chaired Service Committee monthly to increase service efficiency and plan for major band events.

AWARDS AND AFFILIATIONS

College Prize for Excellence, BU Department of Linguistics

Spring 2024

Dean’s List, BU College of Arts and Sciences

Spring 2023

Alice M. Brennan Humanities Award, BU Center for the Humanities

Spring 2022

Boston University Athletic Bands, Mellophone Section Leader

April 2022 – May 2024

Kappa Kappa Psi Theta Beta, Active Member

March 2022 – April 2024

SKILLS

Languages: Spanish (upper-intermediate), Mandarin Chinese (novice-high)

Programming: Python, SQL, Java, XML, Go, C, HTML

Developer: Git, Visual Studio Code, Google Colaboratory, CLion, Docker, BaseX, MongoDB

Applications: Microsoft Office, Adobe Suite, Final Cut Pro, Praat, Audacity, ELAN, Logic Pro