DEREK C. ANDERSEN

Computational Linguistics M.A.

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EDUCATION

M.A. in Computational Linguistics
Stony Brook University

📅 Sept. 2019 – January 2021   Cumulative GPA: 3.93

B.A. in Linguistics, *Summa Cum Laude*
Stony Brook University

📅 Sept. 2016 – Dec. 2018   Cumulative GPA: 3.98

Coursework in Computer Science
Suffolk County Community College

📅 Sept. 2013 – May 2016   Cumulative GPA: 4.0

EXPERIENCE

Linguist
Defined Crowd Corp.

📅 2020   📍 Remote

- Carried out English ToBI prosody annotation and spectrogram analysis using Praat.
- Collaborated with a team of linguists.

Laboratory Assistant
Center for Understanding Biology using Imaging Technology

📅 2018 – 2019   📍 Stony Brook, NY

- Assisted the director with tasks, including document formatting, research assistance, academic citations, and record keeping.
- Utilized various computer software packages including Microsoft Word, Excel, and EndNote.

Linguist Intern
Stony Brook University

📅 2018   📍 Stony Brook, NY

- Transcribed audio files of an endangered language with the International Phonetic Alphabet.
- Carried out spectrogram analysis using Praat.

Office of Campus Activities Employee
Suffolk County Community College

📅 2014 – 2016   📍 Selden, NY

- Monitored public computer areas and assisted students and guests with computer usage.
- Performed troubleshooting on computers when issues arose.
- Worked in the information booth to answer a multitude of general campus-related questions and provide administrative information.

SKILLS

Python   JavaScript   Node.js   Bash
HTML/CSS   Markdown   LaTeX

Git   GitHub   MS Office

Linux   Windows   macOS

PROJECTS

M.A. Final Project
Recommendation Engine

📅 2020

- A content-based filtering recommendation engine for academic papers in linguistics from the LingBuzz database.
- Implemented a similarity matrix based on TF-IDF vectorization values to score and measure similarity between papers.

Personal Project
Blog Engine

📅 2021

- The backend for my personal blog, based in Node.js.
- Utilized packages such as `showdown.js` and `mustache.js` to auto-generate blog posts based on a template.

COURSEWORK

- Computational Phonology
- Language & Technology
- Phonetics / Phonology / Syntax
- Natural Language Processing
- Intermediate Japanese

INTERESTS

- Language technology
- Web development
- UX design & typography

LANGUAGES

English   ■■■■■

Japanese   ■■▪▪▪