

Andrew Ryan

AndrewRyan95.github.io
AndrewRyan@pitt.edu | 215.859.3991

Computational Linguist

EXPERIENCE

ROBERT HENDERSON LANGUAGE MEDIA CENTER | STUDENT IT ASSISTANT

November 2017 - Current | Pittsburgh, PA

- Provide programming services for linguistic projects
- Perform maintenance of company website
- Enforce compliance with lab policies
- Assist visitors at the front desk
- Open and close the center

M*MODAL | LINGUISTICS INTERN

September 2017 - December 2017 | Pittsburgh, PA

- Annotated medical documents for constituency and named entity recognition
- Contributed data to a machine learning program
- Received HIPAA training

EDUCATION

UNIVERSITY OF PITTSBURGH | BA IN LINGUISTICS | MINORS IN COMPUTER SCIENCE AND KOREAN

Spring 2018 | Pittsburgh, PA • Dean's List (Two Semesters) • Cum. GPA: 3.37

Relevant Coursework:

Computational Linguistics • Data Science for Linguists • Syntactic Theory • Data Structures • Algorithm Implementation

PROJECTS

TWITCH SENTIMENT ANALYSIS

September 2017 - December 2017

Used Python to analyze sentiment from comments collected on the live-streaming website Twitch, using a self-made corpus of five million comments collected from 200 videos.

LANGUAGE MEDIA CENTER BOOKING SYSTEM

April 2018 - Current

Updated company's booking system to work with more secure authentication. Set up scripts to send out reminder emails to clients with upcoming appointments or equipment past due.

LANGUAGES

PROGRAMMING

Most experience:

Python • Java

Moderate experience:

Bash • AppleScript

Some experience:

PHP • MySQL

SPOKEN & WRITTEN

Native proficiency:

English

Professional working proficiency:

German

Elementary proficiency:

Korean

TOOLS

Natural Language Toolkit • PANDAS • NumPy

Git • Regex • L^AT_EX