Andrew Ryan

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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
- Recieved HIPAA training

EDUCATION

UNIVERSITY OF PITTSBURGH | BA in Linguistics | Minors in Computer Science and Korean
Spring 2018 | Pittsburgh, PA · Cum Laude · Dean's List (Two Semesters)
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 • LaTeX