

Kevin J. Murphy

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EDUCATION

Swarthmore College, Swarthmore, PA

- Current GPA: 3.66
- Candidate for Bachelor of Arts in Honors Mathematics and Linguistics, May 2019
- *Relevant Coursework*: Algorithms, Natural Language Processing, Computer Systems, Data Structures & Algorithms, Complex Analysis, Real Analysis, Modern Algebra, Honors Multivariable Calculus, Honors Linear Algebra, Geometry, Econometrics, Field Methods, Syntax, Semantics, Phonetics & Phonology, Linguistic Typology
- Member, Swarthmore Men's Varsity Soccer (Sophomore – Junior years, Centennial Conference Academic Honor Roll)
- Member, Swarthmore Men's Club Soccer (Freshman & Senior years)
- Member, Phi Psi Fraternity

WORK EXPERIENCE

Google Summer of Code / Apertium

Software Development Intern

April 2018 – August 2018

- Redesigned and implemented an open source, in-browser, language-independent tool for annotating large collections of texts using JavaScript and SQLite3
- Developed a server-side backend to facilitate the loading and storing of annotation data and UI preferences
- Created a terminal tool for importing, exporting, and editing annotated corpora in multiple data formats
- Presented to, and coordinated with, academic mentors at Swarthmore College and the National Research University Higher School of Economics in Moscow, Russia

Swarthmore College, Swarthmore, PA

Lab Assistant, Laboratory for Endangered Languages Research and Documentation

May 2017 – present

- Worked with Professor K. David Harrison on various projects related to the Talking Dictionaries Project
- Helped to develop a talking dictionary for several endangered language communities
- Worked on website development, database management, AWS cloud hosting, transcription, and an interactive mapping interface

Information Technical Services Associate

June 2016 – September 2016

- Worked with students, faculty, and staff to solve issues related to the College's technical services over the phone and in person
- Delivered and configured, computers, printers, and telephones in faculty offices and public areas throughout campus

Math Department Tutor and "Pi-rate," Swarthmore, PA

September 2016 – December 2017

- Tutored students in Multivariable Calculus, Linear Algebra, and Calculus
- Held review sessions for Linear Algebra students twice a week in order to help those students learn the material and complete their coursework

Sports Information Student Worker

September 2015 – present

- Recorded statistics for men's/women's soccer, women's field hockey, and men's/women's basketball teams

PERSONAL

Skills:

Linux, macOS, Windows

Proficient in JavaScript, Python, PHP, HTML & CSS, \LaTeX , and Bash; previous experience with C++, C, SQL (SQLite3, PostgreSQL, MongoDB, MySQL), Stata, VBA, and TI-Basic
AWS, Git, Docker, Heroku

Interests:

Playing music (guitar, ukulele, trumpet, piano); reading (critical theory, philosophy, history, postmodern fiction, South American literature); Settlers of Catan (see my CatOnline site)