

Kyra Wilson

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Education

Carleton College, Northfield, MN

Expected June 2020

- BA in Computer Science and Linguistics, GPA 3.80
- Relevant CS Coursework: Data Structures, Math of Computer Science, Software Design, Algorithms, Computability and Complexity
- Relevant Linguistics Coursework: Topics in Morphology, Topics in Semantics, Generative Approaches to Syntax, Phonetics and Phonology, The Structure of Dakota
- Anticipated Courses: Programming Languages, Natural Language Processing, Computer Organization and Architecture, Topics in Syntax

Experience

Teaching Assistant, Carleton College

January – March 2019

- TA Classes: Introduction to the Theory of Syntax
- Hold weekly office hours to answer questions about material covered in class
- Assist the professor with grading, creating review materials, and other course tasks

Student Research Partner, Carleton College

June – August 2018

- Used Python scripting to organize database of Dakota language vocabulary and sentences
- Came up with a unified account of Dakota noun phrase structure
- Collected and transcribed Dakota language data

Cultural Exchange Summer Intern, Liberty Global, Amsterdam

June – July 2017

- Created a program to report monthly peering revenue allocation based on real traffic data
- Used monitoring systems to verify data and calculations
- Documented the project for maintenance and further updates

Completed Projects

- Created a website that queried a database and reported information about women in STEM
- Programmed a calendar application for scheduling events and maintaining a to-do list

Publications and Presentations

- Deriving Yute and Wote in Dakota. 12th Annual Toronto Undergraduate Linguistics Conference (TULCON 12), Toronto, Canada. (Invited)

Technical Skills

- Languages: Python, Java (5000+ lines)
- Previous Experience: REST API, Git, HTML, CSS, SQL, PyCharm, IntelliJ
- Microsoft Word and PowerPoint Certified

Leadership

Firebellies Cooking Club, Carleton College

September 2016 – Present

- Plan and lead activities for other club members
- Collaborate with leadership of other clubs to create joint programming

Dance, Carleton College

September 2016 – Present

- Semaphore Modern Repertory Company, Dancer and Student Director
- Synchrony II, Dancer and Choreographer
- Experimental Dance Board, Dancer and Choreographer