

Kassie Wang

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EDUCATION

Cornell University, College of Arts & Sciences, Ithaca, NY
Bachelor of Arts, Computer Science
GPA: 3.56/4.30

Expected May 2023

Marriotts Ridge High School, Marriottsville, MD
GPA: 4.88/5.00

Diploma Received May 2019

RELEVANT COURSES

Object-Oriented Programming & Data Structures • Introduction to Computing Using Python • Introduction to Machine Learning • Discrete Structures • Multivariable Calculus

RELATED EXPERIENCE

Teaching Consultant, Cornell University, Ithaca, NY

January 2020 – March 2020

- Provided assistance to professor and students during hour-long lectures and lab activities 3 times a week in Short Course in Python in a class of 160 students
- Hosted weekly office hours to offer extra help to students outside of the classroom
- Successfully balanced student work-load with teaching work-load

Student, Google CSSI-Coursera Program

June 2019 – August 2019

- Participated in an invitation-only virtual program in which I learned JavaScript, HTML, and CSS through a Coursera class by Duke University with a total of 50-60 hours of coursework

Intern, University of Maryland, College Park, MD

June – July 2018, 2019

- Explored detecting phages in Yellowstone hot springs without a reference database using Bash, Python, and R with collaborators at Stanford University (2019)
- Analyzed real-world childhood diarrheal disease data to refine taxonomy of 16S marker gene using R (2018)
- Validated sequencing of sample data with BLAST
- Authored a paper for the 2019 Mid-Atlantic Microbiome Meetup at JHU: “Characterizing Gut Microbiota Associated with Childhood Diarrhea in the Developing World”

ADDITIONAL EXPERIENCE

CEO, The Social Contract Corporation, Ellicott City, MD

March 2017 – July 2019

- Oversaw all day-to-day operations of the 30-member volunteer organization and its various committees
- Organized the making of hundreds of sandwiches for the local Grassroots Crisis Intervention Center
- Collected almost 50,000 lbs. of unsold food products from fresh food markets and supplied them to organizations for distribution to local food insecure residents

Membership Secretary, Key Club, Marriottsville, MD

September 2015 – May 2019

- Compiled and maintained almost a hundred membership records
- Coordinated monthly community service events, such as the Angel Project in December where hundreds of less fortunate children were able to receive Christmas gifts

Member, Science Olympiad, Marriottsville, MD

September 2015 – May 2019

- Placed in top six among almost 30 other teams for both invitational and regional competitions in events involved with epidemiology and engineering a Rube Goldberg machine

Section Leader, Marching Band, Marriottsville, MD

May 2016 – November 2018

- Attended weekly 4-hour rehearsals, Friday football games, and weekend competitions
- Provided assistance for almost a hundred band members and lead weekly hour long section rehearsals
- Inspected 15 clarinet section members for proper music, equipment, and uniform
- Won USBands Maryland Championships 2016, 2017, and 2018

SKILLS & ACTIVITIES

Computer Languages: R (2 yrs.), Bash (2 yrs.), Python (1 yr.), JavaScript (1 yr.), HTML/CSS (1 yr.), GitHub (0.5 yr.)

Language Skills: Fluent in Chinese

Activities: Cornell Data Science, Women in Computing at Cornell, BreakFree Hip Hop, Assorted Aces Dance Team

HONORS & AWARDS

Rewriting the Code Fellow • Tanner Dean’s Scholar • National AP Scholar • National Honor Society • Principal’s Honor Roll