Corinne A. Kieras

23417 Marine View Dr. Des Moines, WA 98198 -- (253)-204-8950, kieras1@stolaf.edu

Education

Holy Names Academy, Seattle, WA - *Graduated May 2016*
Cumulative GPA: 4.1
University of California Los Angeles, Los Angeles, CA-*September 2016-December 2016*
GPA: 3.5
Reason for leaving: Unable to double major across schools.
St. Olaf College, Northfield, MN - *Expected Graduation Date: Spring 2020*
Majors: Computer Science and Psychology
Cumulative GPA: 3.85

Languages

Proficiency in:

- Python
- Java
- R
- Quorum

Moderate proficiency:

- Spanish

Experience

Anticipated Microsoft Explorer Intern, Seattle, WA--*Microsoft Explorer Intern on the Cloud Team (May 2018-August 2018)*

- Will work with a small group of interns on the Cloud Team at Microsoft this upcoming summer.

University of Washington Computer Science Summer Programs, Seattle, WA — *DawgBytes Camp Counselor (June 2016- August 2016; June 2017- August 2017)*

- Assisted and taught summer computer science programs to approximately 75 elementary and middle schoolers through the University of Washington Computer Science Department.
- Camps included teaching the accessible Quorum Programming Language, Web Design, Girls' Leadership in CS and Robotics.

St. Olaf-Carleton Engineering Team, Northfield, MN — *Controls Team (February 2017 - Present)*

- Work with 30 students on a cross-campus (Carleton and St. Olaf) engineering team.
- Member of the Controls sub-team to program PID controls for a drone using Python in four months to compete in the International Aerial Robotics competition.

Holy Names Academy Robotics Engineering and Drive Team, Seattle, WA- *Engineering and Drive Team (February 2015- May 2016)*

- Engineering Team and Drive Team member on the first all-girls First Robotics Competition team in the Pacific Northwest.
- Worked to design ball shooter, robot stability, and robot robustness in one month on the Engineering Team in order to compete in the FRC competitions of Recycle Rush and First Stronghold.
- Was a member of the Drive Team, and organized and strategized with other teams to optimize game play and excel in the FRC Competition.

St. Olaf Linux Ladies, Northfield, MN-*Co-Leader and Organizer* (*April 2017-Present*)

- Co-Leader of Linux Ladies (St. Olaf club for women in computer science) to plan club events such as lecture on the importance of women in computer science for the incoming freshman.
- Planning the curriculum of Linux Ladies Intro to Coding classes to get more women exposed to computer science.
- Programming the club website in HTML and CSS.

Supplemental Instruction Leader for Computer Science 121, Northfield, MN-*SI Leader (Present-December 2017)*

- Working one-on-one with Professor Noor to make lesson plans and lead supplemental instruction for approximately 50 students in Computer Science 121.
- Provide a secondary source of information, instruction, and mentor for the students by attending every class to assist in explaining material, as well as conducting outside of class sessions three times a week to answer questions and review material.

Awards

- Holy Names Academy Honors
- St. Olaf Honors and Academic Scholarship
- Dean's List 2017
- AP Scholar

Personal Skills

- Organized
- Communicative
- Enthusiastic
- Motivated
- Time Management

Projects

Site: ckieras.github.io

Endangered Species Project
Worked in a team of four and wrote a program in Python to scrape data as well as to easily identify the number of endangered species and their respective regions.

Income Inequality and Gender Project
Worked in a team of four and collected data from W2 forms and programmed diagrams to explore the correlation between gender and income disparities.

Current Research Project: IOT Devices for Exercise
Currently working with Professor Noor to research and build an IOT device that will track movements during static exercise and help the user correct their form. I am currently programming a gyroscope and accelerometer to track movements of the user.

Current, Independent Project: Bluetooth Controlled Electric Skateboard
Working to motorize the wheels of a skateboard with a pulley system using a 150A ESC and motor. Hooking up the ESC to an Arduino and bluetooth receiver to control the skateboard off my phone. Building a mobile app for easy bluetooth control.