

# Rylie Foster

Email: [rylifoster@gmail.com](mailto:rylifoster@gmail.com)

Cell Phone: (707) 363 - 7237

I am a graduate of Reed College with a B.A. in math and computer science. I can code comfortably in Python, and RStudio and have a good foundational understanding of statistical concepts and methods.

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## Education

### Reed College

I have completed a B.A. in mathematics and computer science at Reed College. Reed computer science emphasizes a mathematically rigorous approach to the study of data structures, algorithms, and computation, while still teaching the details of systems in a hands-on, programming-intensive way. In mathematics, formal proof writing is introduced early, requiring students to develop their critical reading and written communication skills alongside mathematical ability.

### Napa Valley Community College

From 2015 to 2018, I completed a number of math and science classes at Napa Valley Community College, including one year of calculus and a year and a half of physics.

## Volunteer and Work Experience

### Reed College Student Teaching Consultant

I worked for one semester as a Student Teaching Consultant at Reed College. I observed a professor's classes two to three times per week, and had weekly meetings with them where we discussed strategies for reaching classroom goals.

### Napa STEM Academy

During the summer of 2019 I worked as a supervisor at Napa STEM Academy. We worked to create engaging scientific demonstrations and activities for Napa's K-8 students.

### Napa Valley Community College tutoring

During my senior year of high school, I volunteered as a tutor for physics and introductory calculus at Napa Valley Community College. The experience taught me much about how to be clear in communicating math, as well as the value of having confidence in my abilities and helping others do the same.