

## ANDREW RALL

### EDUCATION

#### UNIVERSITY OF CALIFORNIA-BERKELEY, BERKELEY, CA

Class of 2020

I am a third year Statistics major with an emphasis in Computer Science.

#### MARSHFIELD HIGH SCHOOL, MARSHFIELD, WI

Class of 2016

GPA: 4.27

Over my four years of high school I took 16 AP Exams and graduated in the top 5% of my class.

### WORK EXPERIENCE

#### DATA 8 COURSE STAFF LAB ASSISTANT

JUNE 2018 – AUGUST 2018

I helped manage a class of around 30 students for an introductory data science course at UC Berkeley. Topics ranged from basic concepts of statistics to nearest neighbor classification.

#### MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MA

##### RESEARCH INTERN, Division of Gastroenterology

JUNE 2017 – AUGUST 2017

I was responsible for extracting information relevant to Familial Adenomatous Polyposis (FAP) from patient's medical records and then entering that information into a data collection platform (RedCap) to be used for further research.

#### STUDENTS MODELING A RESEARCH TOPIC (SMART Teams)

SEPTEMBER 2015 – JUNE 2016

Contributed to the team's research on the emergence and spread of the superbug New Delhi Metallo-beta-lactamase 1 (NDM-1). Presented our research at the Milwaukee School of Engineering and the Marshfield Clinic Research Foundation.

### SKILLS & ABILITIES

Experience with R (RStudio), Python, Java, SQL, and HTML/CSS.

R Skills: data wrangling (dplyr, tidyr, stringr, etc.), data visualization (ggplot2), web applications (shiny), and more.

Python Skills for Data Science: NumPy, SciPy, Pandas, Matplotlib, Scikit-learn, TensorFlow

### ACTIVITIES & AWARDS

Member of California Triathlon Team