

## 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.

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### 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.

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### TECHNICAL SKILLS

Languages:

R, Python, Java, SQL, and HTML/CSS.

Statistical Methods:

Bayesian Analysis, Bootstrapping, Hypothesis Testing, Linear Modelling, Machine Learning, Parameter and Maximum Likelihood Estimation

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### ACTIVITIES & INTERESTS

Member of California Triathlon Team

Sports Analytics and Fantasy Sports