

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.

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

ACTIVITIES & INTERESTS

Member of California Triathlon Team

2-Time Manager of High School Cross Country Team