

OLIVER PRIEBE

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EDUCATION

University of Pennsylvania

Pursuing B.A. in Biophysics and Computer Science
College of Arts and Science
GPA: 3.93

August 2017 - Present

Brookline High School

September 2013 - June 2017

LEADERSHIP & ACTIVITIES

Research Assistant

CSAIL

Summer 2019- Present

- Assist in computational investigation of cancer drivers using statistical learning in the Berger lab @ MIT. Manuscripts pertaining to this work under review.

UPenn Men's Club Soccer Team

Captain & Coach

Fall 2017 - Present

- Organize matches, manage finances and run practices for the team. Assisted in teams 2017 victory in the Region 1 tournament, earning a bid to NIRSA Club Nationals in Phoenix, AZ.

Teaching Assistant - Computer Science

CIS 160

Spring 2019 - Fall 2019

- Teaching assistant for UPenn introductory discrete math for computer science class, which covers combinatorics, probability, graph theory and proof techniques. My duties include teaching a weekly recitation of 20 students, helping to create exams and homeworks, and grading.

McNulty Leadership Program

Venture Lead for 2020 Antarctica Expedition

Spring 2018 - Present

- Lead and organize experiential leadership intensives, expeditions and workshops to develop personal leadership capacities in the Penn community

WORK EXPERIENCE

Undergraduate Research Assistant - Molecular Biology

Goulian Lab

Spring 2018 - Spring 2019

- Lead investigator on a project exploring the possibility of engineering butyrate producing E. coli for the treatment of colitis and colon cancer

Aravind Eye Systems - Tamil Nadu, India

Project Intern

Summer 2018

- Led an initiative to standardize patient data from the 3 Million yearly outpatients spread across the system's 14 hospitals in order to make informed management decisions. Used data science techniques to highlight the major inconsistencies in data entry between hospitals. Presented project to C-Suite and established annual analytics meeting.

Broad Institute - Hung Lab

Research Intern

Summer 2017

- Assisted in development of a transcriptomics-based clinical diagnostic and antibiotic susceptibility system for infectious diseases

Boston Childrens Hospital - Kohane Lab

Summer 2015 & 2016

Research Intern

- Investigated the efficacy of cutting edge cancer cell killing nanoparticles (2015)
- Assisted in development and commercialization of novel ear infection treatment based in

ACADEMIC ACHIEVEMENTS

Deans List (2018, 2019)

National AP Scholar (scored a 5 on 8 AP exams)

National Honor Society