

EDUCATION & HONORS

Albany High School, Albany, CA Class of 2021, 4.05 Weighted GPA

- Stanford National Invitational Debate Tournament Double-Octafinalist JV Spring 2020
- NCS Scholar Athlete
- Principal's List, Albany High School

Other Education

- Experience coding in Python, JavaScript/React, R, C#, C++
- UC Berkeley Extension, "Biostatistics" MCELLBI X471, Summer 2020
- Berkeley City College, "Buddhist Philosophy" PHIL 16, Spring 2020
- Berkeley City College, "Microeconomics" ECON 2, Fall 2020 Earned an A
- Laney College, "Introductory General Chemistry" Chem 30A, Spring 2017 Earned an A

WORK EXPERIENCE

Research Associate, Fejerman Lab UCSF, Fejerman Lab UC Davis (Summer 2020)

- Managed database cleaning and preprocessing data
- Studied genome analysis and researched the association between specific genetic variations and breast cancer
- Reviewed the genetic diversity within a region near the estrogen receptor 1 gene in data from healthy people that is publicly available and also among the lab's cancer patients.

Lab Intern, UC Davis Center for Neuroscience (Summer 2018 and 2019)

- Ran microbiology protocols to determine tolerance development on the Mu Opioid receptor
- Conducted behavioral studies on neuroplasticity with opioid use
- Analyzed, compiled and formatted data from protocols in microsoft excel
- Evaluated purification and amplification of engineered DNA for use in studies of Opioid interactions in the human body

Fiddle Instructor, Manning Music, Berkeley, CA (2016-present)

- Provided fiddle instruction to beginner and intermediate students, ages 11-14

Assistant Winemaker, Whistler Vineyards, Berkeley, CA (2017-present)

- Completed sanitation of winemaking equipment to industry standards
- Racked wine with industrial equipment
- Bottled wine in accordance with industry standard and special preparation of auction bottles

Service Employee, Gunselman's Tavern, Cleveland, Ohio (2016-present)

- Assisted with maintenance tasks (including helping to install a commercial refrigeration unit) and administrative details

Community Medical Activities

Certified Wilderness First Responder

- Earned national Wilderness First Responder certification at a workshop on Bainbridge Island, WA, led by the National Outdoors Leadership School
- Certified to administer Epinephrine and Narcan to patients in need

Community Emergency Disaster Response Team Leader/Educator (2019-present)

- Certified by FEMA and the California Citizen Corps Council to lead a community Emergency Response Team, and to help train members of the Albany community in disaster response
- Involved in disaster preparedness outreach to my local community, Albany, in conjunction with the City Fire Department

Activities / Sports

USAPL/USPA Powerlifting (2018-present)

- Formerly held 7 state records and 1 national record
- Currently hold 1 state record

Albany High School Orchestra (2014-Present)

- Attended regular rehearsals and two annual concerts
- Awarded consistent Unanimous Superior ratings at CMEA (spell out?) festivals
- Provided section leadership, especially with newer players

OTHER INTERESTS

Reading Philosophy- mostly Hegel, Coding, Woodworking, Welding, Backpacking, Microbiology / building lab equipment from scratch in my DIY home lab, Microprocessor / IC technology