

Grace Jacobson

gejacobs@ucsc.edu | github.com/gracejacobson | gracej.info

WORK EXPERIENCE

AnaptysBio, San Diego, CA

Research Associate II, Computational Biology

AUGUST 2022 - PRESENT

Research Associate I, Molecular Biology

AUGUST 2021 - AUGUST 2022

- Created and optimized next generation sequencing pipelines
- Performed antibody repertoire analysis
- Performed PCR, DNA extraction and purification, and mutagenesis experiments
- Summarized and presented data from individual projects at department meetings

University of California, Davis

Biotechnology Intern

JANUARY 2017 - MAY 2017

- Assisted graduate level research
- Discovered markers for QTL analysis of resistance genes to downy mildew in lettuce
- 10+ hours spent weekly after school working on research
- Monsanto scholarship recipient

EDUCATION

University of California, Santa Cruz

Molecular, Cellular, and Developmental Biology B.S.

SEPTEMBER 2018 - JUNE 2021

EXTRACURRICULAR

alpha Kappa Delta Phi, Delta Chapter

Alumni Advisor, President

MAY 2019 - PRESENT (1-5 HRS/WEEK)

- Promoted Asian awareness in the University and the community
- Hosted fundraisers to raise money for breast cancer and domestic violence awareness
- Fostered leadership skills through holding weekly meetings, quarterly presentations, and professional workshops

Bioinformatics Club

First Year Representative

SEPTEMBER 2018 - JUNE 2019 (1.5 HRS/WEEK)

SKILLS

COMPUTATIONAL

- Python (Intermediate)
- R, HTML, CSS, JavaScript (Beginner)
- Comfortable on Linux command line
- Git version control
- UCSC Genome Browser

EXPERIMENTAL

- Cloning (restriction digest, Gibson assembly)
- DNA extraction and purification
- PCR
- Antibody mutagenesis

AWARDS

Dean's Honors

FALL 2020

Monsanto Most Passionate Scholarship

MAY 2017