Bradley N. Jenner

Davis, CA 95616 | (916) 878-8485
Email: bnjenner@ucdavis.edu
Website: https://bnjenner.github.io
Github: https://github.com/bnjenner

PROFILE

Third year at UC Davis obtaining a Bachelor's of Science in **Biotechnology (Bioinformatics Emphasis).** Expected June 2021. **3.719 GPA.** Member of the **University Honors Program** at UC Davis. Interested in bioinformatics, genomics, and software development.

RELATED COURSEWORK

Principles of Genomics	Genes & Gene Expression	Organic Chemistry for Health & Life Sciences
Introduction to Data Structures	Applied Bioinformatics	Computational & Structural Bioinformatics
Calculus for Biology & Medicine	Linear Algebra Applied to Biology	Applied Statistics for Biological Sciences

EDUCATION

Bachelor of Science in Biotechnology (Bioinformatics Emphasis) Expected June, 2021
University of California, Davis

SKILLS

Molecular Biology Techniques (PCR/qPCR, DNA/RNA Extraction)	Computer Programming (Python/R/Bash)
Bioinformatic Analysis (Python/R/Bash)	Oral & Written Communication
Archival Data Management	Web Development (HTML/Basic Javascript)

EXPERIENCE

Plant Pathology Laboratory/Bioinformatics Assistant, Gordon Lab, UC Davis (October 2017 to present)

- Design and conduct independent experiments investigating fungal and plant genetics.
- Analyze sequence and expression data using open source bioinformatics software (HTStream, HTseq, GATK, BWA, STAR, edgeR, topGO) and personally developed programs (Python, R, Bash).
- Perform a variety of molecular biology techniques (PCR, qPCR, DNA/RNA Extraction)

Neuroscience Bioinformatics Assistant, Nord Lab, UC Davis (July 2019 to present)

- Used computational and bioinformatic methods to analyze expression data and answer relevant questions in Neurogenomics.
- Create and maintain laboratory webpages for Github repositories, social media, and publications
- Managed archival data. Designed and facilitated secure methods for data transfer to remote storage services.

General Chemistry Learning Assistant, UC Davis (January 2019 to March 2019)

- Educated undergraduate students about key concepts in Chemistry through lectures and group study sessions.
- Established safe and comfortable learning environments by providing students with one-on-one interactions.