

# Bradley N. Jenner

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## 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 pathology, genetics, and developing bioinformatic software.

## RELATED COURSEWORK

General Chemistry	Calculus for Biology and Medicine
Introductory Biology	Organic Chemistry for Health and Life Sciences
Introduction to Programming (Python)	Applied Statistics for Biological Sciences

## EDUCATION

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

<b>UC Davis Bioinformatics Core: RNA-Seq Workshop</b>	June, 2018
University of California, Davis	

<b>UC Davis Bioinformatics Core: Prerequisite Workshop</b>	March, 2018
University of California, Davis	

## SKILLS

DNA/RNA Extraction	Bioinformatic Analysis (Command-Line/Python/R)	PCR/qPCR
Programing (Python/R)	Using BLAST and NCBI Databases	Presentation Skills

## EXPERIENCE

<b>Plant Pathology Undergraduate Assistant</b> , Gordon Lab, UC Davis	(October 2017 to present)
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- Design and conduct independent research investigating fungal and plant genetics
- Analyze sequence data for graduate students and professors using open source Bioinformatic software (A5-miseq, HTStream, GATK, BWA, STAR, Limma-Voom, topGO)
- Assist graduate students in Plant Pathology research using molecular biology techniques (PCR, qPCR, Gel Electrophoresis, DNA/RNA Extraction)

<b>Neuroscience Undergraduate Assistant</b> , Nord Lab, UC Davis	(July 2019 to present)
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- Create and maintain webpages.
- (TBA)

<b>General Chemistry Learning Assistant</b> , UC Davis	(January 2019 to March 2019)
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- Provide additional one-on-one teaching assistance to undergraduate General Chemistry students
- Facilitate group discussions and promote student-student interaction
- Promote learning and understanding of key Chemical concepts through lectures and group study sessions