

## Dylan Rojas

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### Science Research Professional

#### *Leadership \* Adaptability \* Strategy*

- Passionate Neuroscience graduate with experience in relationship building, public speaking, data collection & research, problem resolution, and strategic planning
- Demonstrated leadership and team building skills

### Education

University of California, Riverside  
*Bachelor of Science Neuroscience*

Riverside, CA  
March 2023

Gabrielino High School  
*Diploma*

San Gabriel, CA  
June 2019

### Academic Achievements

University of California, Riverside

Riverside, CA

- Chancellor's Award Recipient
- Magma Cumme Laude (Top 4% class rank)
- 3.93 GPA

Gabrielino High School

San Gabriel, CA

- Honor Roll Society 2015-2019
- 4.5 weighted GPA, 4.0 unweighted GPA
- Top 10% class rank
- California Scholarship Federation Award Recipient

### Professional Academic Experience

**University of California, Riverside**  
*Chess Club (Secretary/Senior Executive)*

Riverside, CA  
Sept. 2020 – Sept. 2023

- Mentor avid chess players by providing rigorous instruction and teaching play techniques
- Created Excel tracker to manage club event schedules
- Create meeting minutes and organize the files electronically
- Facilitate online club meetings and facilitated growth during pandemic

**University of California, Riverside**  
*Biology 20 Student*

Riverside, CA  
Sept. 2019 – Dec. 2019

- Acted as research group leader and ensured the team members stay on tasks to meet project deadlines
- Used biotechnological techniques to extract and replicate DNA and make protein
- Worked in research environment and used standard PCR/transformation techniques
- Used bioinformatics techniques to aid in the characterization of the Arabidopsis Thaliana genome

- Responsibly managed electronic laboratory notebooks detailing research conclusions and data

#### *Cell Biology and Neuroscience 120 Laboratory Leader*

- Lead experiments on multiple model organisms (*lumbricus terrestris*/*Musca domestica*)
- Investigated cellular electrophysiological responses to changing chemical microenvironments
- Competent with use of microelectrodes and AM Systems Model 1600 Neuroprobe Amplifier

#### **Gabrielino High School**

##### *Biology Olympiad Officer*

San Gabriel, CA

Sept. 2017 - June 2019

- Regulated study sessions and created hypothetical rubrics for the study group to practice
- Scheduled Olympiad team meetings and events
- Lead team discussions and problem-solving meetings

#### *Science Olympiad Vice President*

Sept. 2015 – June 2019

- Conducted weekly team meetings and planned study session
- Created science projects and facilitated a research environment for the group experiments
- Constructed individualized assessments to measure each team members skills and readiness for competition
- Mentored on interdisciplinary science including a strong emphasis on neuroscience.

### **Professional Skills & Accomplishments**

- |  |  |   |
|--|--|---|
| ● Mentorship & Social Communications Skills  | ● Proficient in Microsoft Office Suite             |   |
| ● Type 90 wpm/Data Entry/10 key  | ● Pasadena City Chess Tournament                   | ● |
| Brea City Chess Tournament Champion, 2014  | Champion 2015                                      |   |
| ● California Intercollegiate Chess League 2nd place, 2019  | ● 4-Time Los Angeles Brain Bee Finalist, 2015-2019 |   |
| ● Science Olympiad Anatomy and Physiology Division Finalist- 2 <sup>nd</sup> Place Winner 2017, 2018 | ● Attained Seal of Biliteracy (Spanish)            |   |
| ● Chess Collegiate League Team Captain 2021, 2022  | ● Elementary School Chess Tutor, Class size = 50+  |   |

### **Relevant Coursework**

- |                                       |                              |
|---------------------------------------|------------------------------|
| ● General Physics Series              | ● Neuroscience Laboratory    |
| ● General Physics Laboratory Series   | ● Cancer Biology             |
| ● General Chemistry Series            | ● Stem Cell Biology          |
| ● General Chemistry Laboratory Series | ● Dynamic Genome Laboratory  |
| ● Organic Chemistry Series            | ● Neuropharmacology          |
| ● Organic Chemistry Laboratory Series | ● Developmental Neuroscience |