

# Andrew James A. Ortega

Molecular and Cell Biology Major | [ajao.99@berkeley.edu](mailto:ajao.99@berkeley.edu) | 559-387-0907 | [linkedin.com/in/ajao99](https://www.linkedin.com/in/ajao99)

## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. MOLECULAR & CELL BIOLOGY, CLASS OF 2022  
August 2018-Present

## COURSEWORK

### UNDERGRADUATE

General Chemistry and Laboratory  
Careers in Biotechnology  
Introduction to Biomedicine for Engineers  
Introduction to Bioengineering  
Calculus  
Physics for Scientists and Engineers  
Structure and Interpretation of Computer Programs

## SKILLS

### PERSONAL

Good/safe laboratory practice  
Experimental data collection and analysis  
Familiarity in using Microsoft Office, Google Drive, Slack workspace, and MailChimp email campaigns  
Organized and self-sufficient

### INTERPERSONAL

Team oriented, communicative, cooperative  
Versed in group composition  
Conflict resolution skills  
Empathetic, ability to listen  
Teachable, willing and ready to learn  
Fluent in Tagalog

## AWARDS

Second Prize research project about the impacts of plastic pollution on the ocean and wildlife  
Carnegie Hall Invitational and Gold Prize Concert Performance

## EXPERIENCE

### RESEARCH APPRENTICE | MUSEUM OF VERTEBRATE ZOOLOGY

February 2019 - Present | Berkeley, CA

- Assisted in the preparation, packaging, and sending of tissue and specimen loans from the herpetology curatorial
- Fulfilled requests made by researchers on the Arctos database for tissue and specimen loans
- Recorded placement of and took inventory of tissues; retrieved tissues from specific locations in liquid nitrogen tanks
- Subsampled and stored tissue in vials, and designated locations for ensuring preservation for delivery

### ENGINEERING REPRESENTATIVE | PILIPINX ASSOC. OF SCIENTISTS, ARCHITECTS & ENGINEERS

May 2019 – Present (Intern: September 2018 - May 2019) | Berkeley, CA

- Main liaison for Pilipinx engineering students at UC Berkeley, providing resources for professional and academic well-being
- Point of contact for engineering alumni and engineering company connections, maintaining and developing our professional network through email correspondence
- Event planned, facilitated, and tracked minutes for a networking mixer of 10+ guests, including PASAE alum and people of color in technical industries
- Assisted in coordinating BASF, a day of workshops and demonstrations designed to promote interest in the sciences for young children in the Bay Area
- Weekly tabling on a Berkeley campus hub to promote socialization and representation of Pilipinx students on campus

### INTERN | PILIPINX ACADEMIC STUDENT SERVICES

September 2018 - May 2019 | Berkeley, CA

- Collaborated with operations and public relations coordinators to order transportation, plan logistics, and create event advertisements for PASS events
- Drafted an agenda for an end-of-year banquet celebrating the achievements of the organization
- Planned and facilitated workshops and socials to promote the retention and success of queer and trans Pilipinx students in higher education

## EXTRACURRICULAR

### VOLUNTEER | CENTRAL HIGH SCHOOL INTERACT CLUB

- Volunteered monthly at the Central Community Church to distribute food for and provide sports and arts-based recreation for local elementary school children
- Volunteered for monthly maintenance and care of the Shin Zen Japanese Garden's plant and wildlife

### BRASS CAPTAIN & SECTION LEADER | CENTRAL HIGH SCHOOL BAND

- Organized and led a section of 20+ brass instrumentalists in variable parade, field show, concert, and jazz ensemble compositions
- Managed time for developing skills in music
- Managed interpersonal relations in section and reported progress and developments to band staff and fellow leadership positions