

Evan Keum

1140 North Columbus Ave. Glendale, CA | evankeum@berkeley.edu | (818) 531-8531

EDUCATION

University of California, Berkeley | Simultaneous Degree | Grad 2017
B.A. Computer Science | B.S. Environmental Sciences with Emphasis in Biology |
Geospatial Information Systems and Technology Minor |
Clark Magnet High School | GPA: 4.4, Top 5 (1%) of Graduating Class of 2013 | Grad 2013
Clark Magnet High School Perfect Attendance for All 4 Years Award | Scholar Athlete of the Year Award

WORK EXPERIENCE

Undergraduate Researcher, *EvoLab* February 2015- Present

- Selected after two rounds of selection process including an application and an interview among a competitive pool within the Undergraduate Research Apprentice Program
- Assigned to help identify and collect data on the abundance of different arthropods (*EvoLab*)
- Research Goal – To develop metrics of diversity and abundance over extended time and provide insights into biodiversity assembly dynamics of the different Hawaiian arthropods over geological chronosequence
- With minimal instruction, assigned to carefully classify the different orders of the arthropods within a cluster containing up to 25 different arthropods using a microscope and a handbook to differentiate the different orders according to the number of limbs, and other body structures

Undergraduate Student Instructor | Organic Chemistry Lab Student Scholar, *UC Berkeley* August 2014-Dec 2014

- Recommended and selected from a competitive pool of other 800 Organic Chemistry students
- Assigned to a lab class with 30 students to help them better understand the material as well as get accustomed to the different lab techniques
- Effectively taught lab students the different organic chemistry concepts and handled general laboratory troubleshooting

Publisher | Class Facilitator | General Executive Staff, *To an Unknown God - UC Berkeley* January 2014-Present

- Part of the general executive staff of the largest Christian Journal in UC Berkeley campus to discuss the status of the journal and provide different ideas and make executive decisions for the progress of the journal
- In charge of the publicity of the Journal to strategically update the Facebook page as well as the Journal website to gain more publicity | Followed the Universities' guidelines to become a signatory to manage the budget (over \$300) for the club
- Facilitated with 3 other staff members to teach over 40 UC Berkeley students every semester the different tools and techniques such as InDesign, editing skills, writing skills, and poetry writing skills for a registered UC Berkeley course
- In charge of the course program; from outlining the semesters' agenda to assigning the students' grades
- Coordinated planning of Café Night; a biannual event with over 150 people in attendance with food and performances to produce revenue (over \$500) for the next editions of the journal

Social Chair, *Korean American Student Association (KASA) - UC Berkeley* August 2014-Present

- Planned every single social event with over 120 students for the largest Korean American association in campus
- Worked as a "family head," a smaller group with about 20 people within the bigger club to form a smaller close-knit community of students who were seeking a family like community
- Strategically planned events to maximize the small budget given and to provide social, and welcoming environments
- In charge of a freshman Intern to mentor and teach how to effectively plan out successful events

Student Employee, *East Asian Library - UC Berkeley* February 2014- Present

- In charge of the circulation desk and answering patron questions including book call numbers

OTHER SKILLS AND EXPERIENCES

- Basic Programming Languages (Python, Java, Scheme, SQL) | Web Design programs (HTML, JavaScript, CSS)
- Microsoft Word, Excel, and InDesign | Trilingual with English, Korean, and Spanish

RELEVANT COURSEWORK

- The Structure and Interpretation of Computer Programs (Python) | Data Structures (Java) | Web Design Decal
- General Chemistry & Lab | Organic Chemistry & Lab | General Biology | Environmental Biology
- Human Biological Variation | Environmental Economics and Policy | Forest Ecosystem Management

ADDITIONAL ACCOMPLISHMENTS & COMMUNITY SERVICE

- Herbert Hoover HS Tennis Doubles MVP | Bilingual Competency Award (Spanish) | Key Club Secretary and Vice President
- Clark Magnet High School (CHMS) Multicultural Club Founder and President | Student Volunteer at CHA Hospital
- Apple Tree (Elementary Afterschool Program) Teacher | Korean United Presbyterian Church (KUPC) Council President