



Education

University of California, Berkeley

Bachelor's degree, Molecular and Cell Biology 2018-2019

GPA: 3.62

University of California, San Diego

Bachelor's degree, General Biology 2016-2018

GPA: 3.87

*****Single Bachelors Degree obtained from UC Berkeley on 12/20/19*****

Work Experience

Research Associate | Zymo Research Corp

(February 2020 - Current)

- DNA extraction and quantification from Human Saliva, Urine, and Blood samples
- Research and Development of Zymo's Urine nuclease stabilizing reagent(Protocol Optimization and Marketing Efforts)

Optometric Assistant | Richard Chong OD

(August 2018 - June 2019)

- Communicated patient needs with the Doctor, and assisted patients through pre-testing procedures
- Generated payment reports and worked on general bookkeeping tasks

Lab Experience

Isabelle Le Blanc; Molecular and Cell Techniques(MCB 170L; UC Berkeley)

Final project: Analysis of Kinesin 1 and 5: How does ScCIN8P compare to commercial Kinesin 1 in terms of specific and enzymatic activities?

- Practiced protein purifications, assay through elution fractions, Bradford and Malachite Green assays, COOMASSIE Staining and Western Blot

Ella Tour; Recombinant DNA Techniques(BIMM 101; UC San Diego)

- Encompassed PCR, DNA Sequencing, bioinformatics, and RNA analysis
- Bacterial digestion with Restriction enzymes, ligation, and transformation(Ligation and transformation of Green Fluorescence Protein into E Coli)

Volunteer Teaching

Multicultural Institute

(September 2019 - Dec 2019)

- Tutored grades k-12 and cultivating interests in Science, Technology, Engineering, Art, and Mathematics (STEAM) fields for underprivileged communities
- Formed personalized meetings with parents which focused on academic motivation, communication skills, and university-readiness

Independent Projects

Aquamen

(December 2018 - June 2019)

- Growth, packaging, distribution, and sale of Aquatic Plants
- Created both a business and marketing plan by appealing to aquarists in the United States
- Executed over \$1200 in Net Sales during our first 3 months of operations with over 130 individual and unique orders

The LemonSqueeze <<https://thelemonsqueeze.com>>

(February 2020 - Current)

- Practiced HTML Coding with personal blog, hosted by github
- Blog touches on experiences ranging from embracing cultural identity to Korean family dynamics

AbgCalculator <<https://abgcalculator.com>>

(May 2020)

- Asian community social experiment survey with over 16,000 web visits
- Utilized HTML, JavaScript, and CSS to create an aesthetic website for the targeted demographic