

## Education

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### 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

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### Research Associate | Zymo Research Corp

(February 2020 - Current)

- Research and Development of Zymo's urine nuclease stabilizing reagent(Protocol Optimization and Market Research)
- Accessioning to excel spreadsheets, extraction of nucleic acids, and quantification from human saliva and urine samples (sample processing)
- Mastery of laboratory techniques such as qPCR, magnetic bead and spin column based purification, and gel-electrophoresis

## Lab Skills

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

- 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)

## Teaching

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### Multicultural Institute

(September 2019 - Dec 2019)

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

### E.M. Academy

(June 2020 - Current)

- Created AP Subject lesson plans while fostering interests in the STEM field in both group and one-on-one settings

## Independent Projects

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### 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)

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