

# Billie Beach

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## EDUCATION

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### Bachelor of Science in Chemistry

December 2024

California State University, Long Beach (CSULB)

## RELATED COURSES

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Organic Chemistry, Inorganic Chemistry, Chemical Communications, Separation Processes, Electricity and Magnetism, Applied Mathematics

## SKILLS

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**Computer:** Microsoft Word, Excel, PowerPoint; C++; MATLAB; Adobe Illustrator, Photoshop

**Equipment:** Fluorimeter, Thermocycler, Calorimeter, Chromatography System, Density Meter Instrumentation

## PROJECTS

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### Insect Cell Purification

- Examined protein structural and functional analysis of endocytosis by transmission electron microscopy (TEM) and biochemical methods
- Researched experience of over-expressed Dynamin (100 kDa GTPase) protein with baculovirus-infected Tn5-JE insect cell and its purification

### Genetic Mapping

- Identified molecular biology concepts which could be utilized towards development of new proprietary DNA mapping technology

## EXPERIENCE

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### Take Out Host/Server, Beach Bistro, Long Beach, CA

March 2021-Present

- Sanitize and clean restaurant according to company standards and state health guidelines
- Provide excellent customer service in person and over the phone
- Accurately balance the register and complete opening and closing checklists for each shift
- Trained 2 new team members in guest service expectations and proper food handling

### Warehouse Worker, Best Buy, Carson, CA

July 2019-March 2020

- Efficiently recorded received merchandise in shipping logs
- Demonstrated attention to detail when setting up displays according to company blueprints
- Followed Cal/OSHA standards when unloading and stacking palettes to ensure worker safety

## LEADERSHIP & CAMPUS INVOLVEMENT

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- **Vice-President**, CSULB Association of Pre-Pharmacy August 2022-Present
- **Member**, CSULB College of Natural Sciences & Mathematics Student Council August 2021-May 2022
- **Volunteer**, CSULB Blood Drive March 2019

## HONORS

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- Dean's List
- Poster Presenter, CSULB College of Natural Sciences and Mathematics Student Research Symposium
- Carl E. Riley Endowed STEM Award