

**Savannah Marie Van De Water**  
San Diego, California

## QUALIFICATIONS SUMMARY

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- Able to safely run experiments, collect data, and convey findings to coworkers professionally
- Experienced in communicating through Microsoft Teams, email, and phone calls across departments and with sales representatives
- Knowledgeable in systems engineering, signal processing, and creation of simulations
- Proficient in Matlab, Simulink, GraphPad Prism, Minitab, JavaScript, HTML, Excel, and PowerPoint

## EDUCATION

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### University of California San Diego

*La Jolla, CA 09/2020-06/2024*

*Bachelor's Degree in Bioengineering: Biosystems,  
Expected graduation: June 2024*

#### Relevant Coursework

Bioinstrumentation  
Statistics  
Circuits and Systems

Biomechanics  
Biomedical Signals  
Image Processing

Organic Chemistry  
Systems Lab

## CUSTOMER SERVICE WORK EXPERIENCE

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### Starbucks-Barista

*El Dorado Hills, CA 05/2018 - 05/2020*

- Worked productively by cleaning the cafe, taking customer orders, and preparing drinks.

### Maribou Salon-Receptionist

*Folsom, CA 06/2020-09/2020*

- Organized the salon by answering the phone, handling payment forms, and scheduling appointments.  
06/2020-09/2020
- Problem solved by finding solutions for unsatisfied customers.

### Friends with Benedicts Mimosa House-Hostess

*Folsom, CA 06/2021-09/2021*

- Worked fast to answer the phone and take customers' information.

## TECHNICAL WORK EXPERIENCE

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### Recludix-Intern Scientist

*La Jolla, CA 07/2022-06/2022*

- Fostered an efficient lab environment by organizing shipments of compounds and maintaining equipment.
- Produced useful data by running fluorescence polarization tests on compounds to test their efficacy and graphing results in GraphPad Prism and Excel.
- Displayed ability to learn fast and use different lab equipment such as: pipettes, sonicator, centrifuge, TECAN dispense, and MSD instruments.

### Becton Dickinson-Systems Engineering Intern

*San Diego, CA 06/2023-09/2023*

- Showed ability to work well in teams and self motivate by working on team projects to improve accuracy of infusion pumps as well as an individual project to characterize fluid properties.
- Displayed data analysis skills by producing algorithms and models with acquired data through use of Matlab, Minitab, and Excel to deliver results of experiments to coworkers.
- Communicated effectively with sales representatives to facilitate purchases for the lab at the best price possible.

## ACADEMIC HONORS & ACTIVITIES

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- Received Provost Honors each fall, winter, and spring quarters
- Joined as Member of Society of Women in Engineering in 2022
- Member of UCSD's Mentor Collective program to mentor freshman