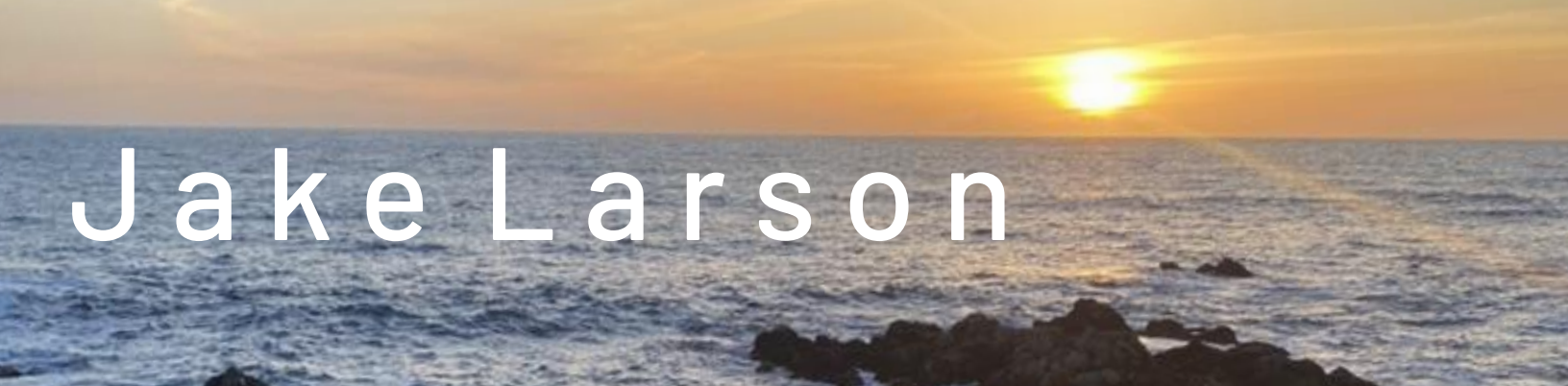




Jake Larson

Dear MBARI Hiring Manager,

It is with great enthusiasm that I apply for an internship at the MBARI. As a lifelong local to the Monterey Bay and an frequent guest of the Monterey Bay Aquarium, I am extremely appreciative of the impact the Aquarium has on local sustainability, conservation efforts, education, and appreciation for the beautiful area that I am so fortunate to call home. For as long as I can remember, I have had an interest in working to aid marine life conservation efforts. Applying the skills I have learned in pursuit of my engineering degree and learning in a hands-on capacity at MBARI would be a dream come true.

During my time at Cal Poly, I founded an engineering organization called PACED (Performance Automotive Communications, Engineering, and Design). While it is not directly related to marine science, working on numerous systems in a vehicle gives me a variety of experiences including working with cooling systems, electrical, engines, mechanical components, 3D modeling, and manufacturing, just to name a few. The project also gives me opportunities to hone my leadership, communication, presentation, and teamwork skills. While the degree I am pursuing is Biomedical Engineering with a Concentration in Mechanical Design, PACED serves as a testament to my willingness to dive head-first into new sectors, explore my interests, and learn new skills. I would bring that same energy and curiosity to my role at the MBARI.

I sincerely appreciate your consideration for the role and look forward to discussing opportunities in the near future.

Best Regards,

Jake Larson

Jake Larson

(831) 521-0330 jakelarson831@gmail.com

Skills

- Car Maintenance/Modification Experience
- Trained in manual machining
- Trained to Weld
- Proficient in Adobe Photoshop, Premier, and Audition.
- Proficient in Google Productivity programs (ex. Slides, Docs, Sheets)
- Familiar with CAD software
- Strong with Computers and Graphic Design
- Lifeguard Certified
- Wilderness First Aid Certified
- Creative Problem Solving
- Team Player
- Time Management

Relevant Experience

Performance Automotive Communications, Engineering, and Design (PACED)

Founder/ President

January 2023 - Present

- Design, fabricate, and install performance parts for a production car
- Acquire and work with sponsors for the project
- Star-in, Edit, and Produce YouTube/Social Media Content
- Manage a team of about 150 students
- Work with the Cal Poly administration to establish budgets, make purchases, meet organization needs.
- Plan out full project
- Oversee numerous teams
- Gather sponsors, funding, materials, and tools

Pebble Beach Concours d'Elegance Media Intern

August 2023

- Communicated with Media Personnel
- Answered event questions
- Completed administrative tasks
- Provided customer service
- Used Sports Systems software to organize information

Cal Poly Baja SAE

September 2022 - May 2023

- Manufactured parts for the Baja Vehicle
- Worked with a team to assemble vehicle systems

Objective

To become a valuable team member through hard work, dedication, and passion for engineering.

Education

- Second Year Student at California Polytechnic University San Luis Obispo
- Major: Biomedical Engineering with Concentration in Mechanical Design
- Graduated Robert Louis Stevenson 2022 with GPA 4.04

Work Experience

Monterey Sports Center Lifeguard/Swim Instructor

June 2021 - PRESENT, Monterey, CA

- Responded to medical emergencies and provided appropriate care
- Maintained Safe Environment by surveying the area and stopping dangerous behaviors.
- Provided Customer Service by answering questions, performing acts of service, and being available to the public.
- Instructed students of all ages in aquatic safety.

KSPB 91.9 FM Volunteer Disk Jockey/Show Host/Program Manager/ Graphics Design Specialist

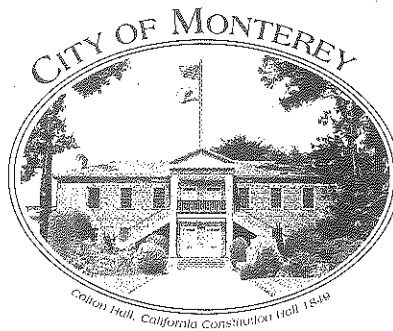
November 2019 - 2022, Pebble Beach, CA

- Served in a variety of positions at the largest student run radio station West of the Mississippi
- Established strength in a variety of computer programs
- Honed Public speaking skills

Stevenson Water Polo Camp Counselor

July 2022, July 2023, Pebble Beach, CA

- Led student activities
- Designed drills to encourage player development and conditioning



MONTEREY SPORTS CENTER
Recreation & Community Services Department

To Whom It May Concern:

My name is Tony Graffagnino and I'm the Aquatics Coordinator of the Monterey Sports Center. I'm Jake Larson's direct supervisors in the Aquatics Department.

Jake Larson has been a part time Lifeguard and swim instructor here at The Monterey Sports Center since June 2021.

Duties performed in my department by Jake Larson include Lifeguarding, teaching swim lessons to all ages and skill levels. Opening/closing duties, daily routine cleaning assignments, checking chemicals and monthly in-service safety training.

Customer service is a big part of Jake's job. The Sports Center serves between one and three thousand guests a day. As a lifeguard at the Sports Center, he must interact with the guests on a regular basis. Whether it's enforcing pool rules or assisting guests in and around the pool area.

Having strong people skills and knowledge of the Sports Center is an important part of the job. Staff must be able to answer questions regarding our facility or programs offered and Jake does an excellent job at this.

Jake is a very reliable employee that takes a lot of pride in his job. He is always willing to help out and has a positive attitude when at work. He gives and takes direction very well and is a team player.

Jake has a strong work ethic and is a valuable member of our work team.

I would recommend him for an employment/volunteer position anywhere and I believe he has a bright future.

**Sincerely,
Tony Graffagnino
Aquatics Coordinator
Monterey Sports Center**