




# JACOB DELPHIN

## CONTACT

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 Burlington, Vermont

 [CBI website](#)  
[Rover](#)  
[LinkedIn](#)

## SKILLS

- Creative Problem Solving
- Adaptive
- Collaboration
- Communication
- Time Management
- Organization
- Culinary knife techniques
- Lab techniques

## ACCOMPLISHMENTS

- **Founder & President - UVM Surf Club:** Established and led the university's first surf club, organizing events, growing membership, and fostering a community around surfing and the ocean.
- **Coach's award-** High School Soccer: Awarded for demonstrating consistent hard work, dedication, and leadership.
- **Senior Captain** - Robotics & Track and Field Teams
- **National Honors Society**



## PROFILE

Passionate line and prep cook with a strong interest in exploring global cuisines, working with fresh ingredients, and continuously learning new techniques. Eager to gain hands-on experience in diverse kitchen environments and grow within the culinary world.



## WORK EXPERIENCE

### Design Engineer - Intern

University of Vermont's Center for Biomedical Innovation 2022 - PRESENT

- Collaborating with a multidisciplinary team of engineering students, occupational therapists, and physical therapists to design an adaptive, growth-accommodating wheelchair for children with cerebral palsy or other mobility related issues. The project focuses on enhancing social interaction and mobility for users while maintaining affordability and accessibility. My main focus is contributing to design iteration, user-centered research, and prototyping to ensure long-term usability and impact.

### Lab Experience

#### Neuroscience - Protein Engineering

University of Vermont 2024

- Main project in the lab was to use pluripotent stem cells created from adipose fat tissue in patients into cerebral organoids. Along with building cellular scaffolds to sustain astrocytes.

### Line Cook

5+ Years

Various Locations - [Pascalo Ristorante, Italian Cuisine](#) | [Deep City, American fine dining](#) | [Blue Bird Barbeque, American Barbeque](#)

- Operated multiple stations in high-volume kitchens, consistently ensuring rapid and quality preparation of food. Maintained composure during peak hours, and efficiently completed various tasks.

### Dog Sitter/Walker

Rover

3+ Years

- Provided reliable pet care through Rover.
- Completed daily dog walks, feeding, medication administration, and overnight sitting.
- Built lasting relationships with clients through excellent communication and consistent, compassionate animal care.
- Received outstanding reviews from clients.



## EDUCATION

### Bachelor of Science in Biomedical Engineering

May 2025

University of Vermont | College of Engineering and Mathematical Sciences

### Minor in Neuroscience

University of Vermont | College of Arts and Sciences

### Pre Physical Therapy Track

University of Vermont