

# Roni Shen

PhD Student, Technology Management  
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## **Research Interests:**

I am currently pursuing my doctoral degree in Technology Management in the College of Engineering at UCSB. My research interests include the study of organizational behavior, design and innovation, team dynamics, diversity and inclusion, and the social implications of future technologies. Other areas of interest include the implications of AI driven decision-making in technological industries, costs of organizational change and disruption to innovation, and more broadly, exploring the direct and indirect effects of technology on tech-adjacent industries and job markets.

## **Professional Experience:**

### **University of California, Santa Barbara**

***Student/Researcher, Regents Fellow - Technology Management Program*** **2020 - 2025**

### **Advanced Veterinary Specialists**

Santa Barbara, CA

#### ***Veterinary Technician - Emergency, Oncology***

Nov 2018 – Present (25 hrs/wk)

- Responsible for the triage, assessment, monitoring and treatment of critical care and oncological patients

### **Vet's Here! LLC**

Buellton, CA

#### ***Chief Operating Officer, Practice Manager***

May 2017 – Oct 2018 (50 hrs/wk)

- Responsible for the administration, leadership, management, business development and daily operations for a mobile veterinary startup
- Special Project: Spearheaded an aggressive business expansion plan launching two practice locations in southern California

#### ***Veterinary Technician***

May 2014 – Oct 2017 (40 hrs/wk)

- Knowledge of veterinary medicine, hospital administration and high-level client service
- Special Project: Controlled Substance Reporting and Compliance Initiative; Radiation Safety Program administrator

**Santa Barbara Pet Hospital**

Santa Barbara, CA

***Veterinary Assistant***

May 2012 – Aug 2014 (25 hrs/wk)

- Technical knowledge of animal pathology, diagnostic methodology, radiology, anesthesiology, phlebotomy, pharmacology and animal behavior

**California Department of Fish and Wildlife**

Santa Barbara, CA

***Scientific Aide, Fisheries Liaison- Marine Region***

Jan 2012 – Jun 2014 (35 hrs/wk)

- Served as a liaison between CDFW and the fishing community, collected data used for ongoing monitoring of the California market squid and sardine fisheries
- Special Project: Development and application of novel ROV survey methodologies

**Education:**

University of California, Santa Barbara

**Ph.D. Student, Technology Management Program**

2020 - 2025

University of California, Santa Barbara

**Bachelor of Science, *Aquatic Biology***

2007 - 2011

**Research/Teaching Experience:**

**Florida Fish and Wildlife Conservation Commission**

St. Petersburg, Florida

***Manatee Photo-Identification Intern***

Aug 2011 – Nov 2011 (40 hrs/wk)

- Collected environmental and behavioral data used in long-term population and distribution studies through mark and recapture methods
- Special Project: Report on the effects of water temperature on manatee morbidity over time using photo-ID database comparison

**Wildlands Studies Program- Giant Panda Project**

Sichuan, China

***Assistant Instructor, Logistics Coordinator***

Feb 2011 – Aug 2011 (30 hrs/wk)

- Designed curriculum and delivered lectures on freshwater ecology and basic Mandarin
- Lead discussions and workshops on population ecology, wildlife conservation and field survey methods

**Marine Science Institute**

UC Santa Barbara

***Lab Assistant - Caselle Lab***

Aug 2010 – Jun 2011 (2 hrs/wk)

- Special Project: Recruitment success and age assessment of juvenile rockfish

**Bren School of Environmental Science and Management** UC Santa Barbara  
**Research Assistant - Sarah J. Teck, PhD** Mar 2009 – Jun 2011 (10 hrs/wk)

- Special Project: Assessing spatial and temporal dynamics in the CA sea urchin fishery

**Partnership for Interdisciplinary Studies of Coastal Oceans** UC Santa Barbara  
**Lab Assistant - Santa Barbara Coastal LTER** Sep 2008 – Jun 2009 (4 hrs/wk)

- Special Project: Mussel fecundity monitoring; Intertidal invertebrate population density assessment

**Additional/Volunteer Experience:**

**The Chamber of Commerce of the Santa Barbara Region** Santa Barbara, CA  
**Ambassador - Community Business Outreach** Mar 2018 – Sep 2019

**Adelfos Ensemble Choir** Santa Barbara, CA  
**Member - Board of Directors** Jan 2019 – Present

**McCune Family Transition House** Santa Barbara, CA  
**Family Dinner Volunteer** Mar 2019 – Present

**Santa Barbara Marine Mammal Center** Santa Barbara, CA  
**Volunteer Supervisor - Rescue and Rehabilitation** Nov 2010 – May 2014

**U.S. Geological Survey** Santa Barbara, California  
**Telemetry Volunteer - Southern Sea Otter Distribution Project** Dec 2012- Mar 2013

**Gray Whales Count** Santa Barbara, California  
**Survey Volunteer - Gray Whale Population Survey** Feb 2012- May 2012

**Skills:**

- Project management
- Technical writing
- Effective communication
- Operations management
- Conflict resolution/Negotiation
- Entrepreneurship
- Data analysis/visualization
- Business administration
- Leadership/Diplomacy
- Technical acumen
- Verbal fluency in Mandarin
- Global mindset

**StrengthsFinder 2.0 Assessment (evaluated on 1/20/19):**

1. “***Learner***” - adaptable, dynamic, calm and motivating
2. “***Achiever***” - diligent, self-motivated, resilient and productive
3. “***Responsibility***” - committed, precise, dependable and conscientious
4. “***Analytical***” - objective, logical, rigorous and data-driven
5. “***Relator***” - empathetic, collaborative, inclusive and insightful

(Source: <https://www.gallup.com/cliftonstrengths>)