

## **Raul Rodriguez**

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### **SUMMARY**

Dynamic research scientist with expertise in leading human-centered research, developing innovative science research strategies, and mentoring diverse teams. Proven ability to design and implement effective training programs, translate complex scientific concepts into accessible formats, and foster collaborative partnerships. Experienced in coordinating with project teams and external consultants, training and supervising staff and volunteers, and presenting findings at conferences.

### **WORK EXPERIENCE**

#### **University of California - Berkeley**

November 2020 – March 2024

Postdoctoral Researcher – Department of Optometry & Vision Science

- Served as the technical lead on 3 eye-tracking-based virtual reality projects, resulting in two publications by Ph.D. students
- Successfully secured grant funding totaling \$57,000 by researching, writing, and submitting a comprehensive grant proposal, resulting in financial support for a key project
- Collaborated with interdisciplinary team to establish evidence-based processes and findings, providing recommendations that informed best practices for AR/VR applications

#### **University of Rochester**

August 2014 – August 2020

Graduate Student Researcher – Department of Biomedical Engineering

- Led multiple scientific projects from inception to completion, resulting in four first author publications in peer-reviewed journals
- Supervised and mentored undergraduate researchers, ensuring adherence to research protocols and project goals
- Conducted regular training sessions to enhance lab members' skills in data collection, analysis, and scientific communication

### **VOLUNTEER EXPERIENCE**

#### **Thrift Shop Supporting Berkeley Humane**

Retail Volunteer

May 2024 – Current

- Provide exceptional customer service by assisting customers with product selections, answering queries, and resolving complaints promptly and professionally
- Assist in orienting new volunteers, offering guidance on store policies, inventory management, and customer service

#### **Community Resources for Science**

Science Communicator, Bay Area Scientists Inspiring Students

Jan 2021 – May 2024

- Developed and delivered engaging vision science lessons to elementary classrooms, integrating interactive activities and visual aids to enhance student understanding
- Assessed and evaluated the effectiveness of educational sessions, gathering feedback from students and teachers to refine and improve future lessons

### **EDUCATION & CERTIFICATIONS**

TEFL Certification, The TEFL Academy

December 2024

Ph.D., Biomedical Engineering, University of Rochester

August 2020

B.S., Computer Engineering, University of Texas – Rio Grande Valley

May 2014