



# Michael ANDERSON

## QUANTUM OPTICS RESEARCHER

Innovative Quantum Information Scientist with a strong focus on quantum optics and its implications for information processing. Extensive experience in experimental design and execution, particularly in the realms of quantum imaging and sensing. Demonstrated ability to lead complex research projects from conception through to successful implementation, resulting in significant advancements in the field.

### CONTACT

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- www.michaelanderson.com
- San Francisco, CA

### SKILLS

- Quantum Optics
- Experimental Design
- Research Management
- Interdisciplinary Collaboration
- Publication
- Mentorship

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**PH.D. IN QUANTUM OPTICS,  
PRINCETON UNIVERSITY, 2014**

### ACHIEVEMENTS

- Developed a quantum sensor that improved measurement accuracy by 35%.
- Recognized with the Quantum Excellence Award for innovative contributions to quantum optics.
- Published in prestigious journals, significantly influencing the field of quantum sensing.

### WORK EXPERIENCE

#### QUANTUM OPTICS RESEARCHER

Quantum Optics Research Group  
2020 - 2025

- Designed and conducted experiments on quantum imaging techniques.
- Utilized advanced optical setups to manipulate quantum states for research purposes.
- Collaborated with physicists to develop new methods for quantum state measurement.
- Published findings in high-impact journals, significantly contributing to the field.
- Presented research at international conferences, enhancing visibility.
- Mentored undergraduate students in experimental quantum physics projects.

#### POSTDOCTORAL RESEARCH FELLOW

Harvard University  
2015 - 2020

- Conducted pioneering research on quantum sensing applications in various industries.
- Collaborated with engineers to develop prototypes for quantum sensors.
- Published multiple papers in leading journals on quantum optics and sensing.
- Engaged in outreach activities to promote quantum science education.
- Presented findings at global symposiums, fostering international collaborations.
- Secured funding for research projects through grant proposals.