



# MICHAEL ANDERSON

## Defense Nanophotonics Engineer

Strategic Nanophotonics Engineer with expertise in developing cutting-edge photonic systems for military and defense applications. Proven ability to manage large-scale engineering projects, ensuring compliance with stringent regulatory standards and performance requirements. Extensive experience in collaborating with government agencies and defense contractors, facilitating the successful integration of photonic technologies into existing systems.

### CONTACT

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- San Francisco, CA

### EDUCATION

**M.S. in Optical Engineering**  
University of Central Florida  
2016-2020

### SKILLS

- Defense Technology
- Project Management
- Regulatory Compliance
- Optical Systems
- Technical Assessment
- Team Leadership

### LANGUAGES

- English
- Spanish
- French

### WORK EXPERIENCE

**Defense Nanophotonics Engineer** 2020-2023  
National Defense Technologies

- Developed photonic systems for surveillance and reconnaissance.
- Managed project timelines and regulatory compliance.
- Collaborated with military personnel for system validation.
- Conducted technical assessments of emerging technologies.
- Presented findings to governmental stakeholders.
- Authored detailed project reports and documentation.

**Lead Optical Engineer** 2019-2020  
Defense Innovations Group

- Designed optical systems for defense applications.
- Oversaw cross-functional teams on project execution.
- Conducted risk assessments and mitigation strategies.
- Engaged with external partners for technology integration.
- Authored proposals for new defense projects.
- Participated in training and mentoring junior engineers.

### ACHIEVEMENTS

- Developed a patented surveillance system for military use.
- Awarded 'Outstanding Engineer' by the Defense Department.
- Increased system performance metrics by 30% across projects.