



# Michael

## ANDERSON

### GUIDANCE SYSTEMS ENGINEER

Detail-oriented Guidance Systems Engineer possessing over 6 years of experience in the defense industry, specializing in the development and optimization of precision guidance systems for tactical applications.

Demonstrates a profound understanding of system dynamics and control theory, facilitating the delivery of robust and reliable solutions. Proven ability to manage complex projects, ensuring timely completion within budgetary constraints while meeting stringent quality standards.

#### CONTACT

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#### SKILLS

- Guidance Systems
- Defense Engineering
- ANSYS
- MATLAB
- Project Management
- Control Theory

#### LANGUAGES

- English
- Spanish
- French

#### EDUCATION

**BACHELOR'S IN MECHANICAL ENGINEERING, GEORGIA INSTITUTE OF TECHNOLOGY**

#### ACHIEVEMENTS

- Recognized for excellence in project management and team leadership.
- Improved system performance metrics through rigorous testing and analysis.
- Contributed to the successful deployment of a new missile guidance system.

#### WORK EXPERIENCE

##### GUIDANCE SYSTEMS ENGINEER

Defense Technologies Corp.

2020 - 2025

- Developed guidance algorithms for missile systems, enhancing accuracy by 20%.
- Conducted performance assessments and safety evaluations for new systems.
- Collaborated with military personnel to understand operational requirements.
- Utilized ANSYS for system modeling and analysis.
- Managed project timelines and deliverables, ensuring compliance with defense standards.
- Provided technical support during system integration phases.

##### SYSTEMS ENGINEER

Tactical Solutions Group

2015 - 2020

- Assisted in the design and testing of advanced guidance systems for defense applications.
- Performed data analysis to identify trends and improve system designs.
- Engaged in cross-disciplinary teams to ensure project alignment with strategic goals.
- Utilized MATLAB for algorithm development and optimization.
- Maintained comprehensive documentation for all engineering activities.
- Participated in field tests to validate system performance under real conditions.