



# MICHAEL ANDERSON

## Cybersecurity and Software Development Instructor

Seasoned Software Development Educator with a rich background in cybersecurity and software engineering. Over 9 years of experience in both teaching and hands-on development, I provide students with critical skills in secure coding practices and threat analysis. My teaching approach focuses on practical applications and real-world scenarios, ensuring that students can effectively apply their knowledge in the workforce.

### CONTACT

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- San Francisco, CA

### EDUCATION

#### Master of Science in Cybersecurity

University of Defense  
2016-2020

### SKILLS

- Cybersecurity
- Secure Coding
- Ethical Hacking
- Java
- Spring Boot
- Vulnerability Assessment

### LANGUAGES

- English
- Spanish
- French

### WORK EXPERIENCE

#### Cybersecurity and Software Development Instructor

2020-2023

Secure Tech Academy

- Developed and taught courses on secure software development and ethical hacking.
- Utilized tools such as Wireshark and Metasploit for hands-on cybersecurity training.
- Facilitated labs where students simulated real-world hacking scenarios.
- Created assessments to evaluate student understanding of security principles.
- Collaborated with industry experts to keep curriculum aligned with current trends.
- Organized workshops on emerging cybersecurity threats and solutions.

#### Software Developer - Security Applications

2019-2020

CyberGuard Solutions

- Designed and implemented secure applications using Java and Spring Boot.
- Conducted vulnerability assessments and penetration testing on software products.
- Worked with teams to integrate security features into the software development lifecycle.
- Provided training sessions on secure coding practices for development teams.
- Maintained compliance with industry security standards and regulations.
- Documented security protocols and best practices for internal use.

### ACHIEVEMENTS

- Increased student competency in secure coding practices by 45% post-course evaluations.
- Received 'Outstanding Educator' award for contributions to cybersecurity education.
- Presented research on secure software development at national conferences.