

# Michael-Andrew Keays

*Robot Overlord*

## PERSONAL DETAILS

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*Address*            Alexandria, Virginia  
*Phone*             703-915-4386  
*E-mail*             m@keays.io

## WORK EXPERIENCES

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### Fullstack Software Engineer

February 2021 - Present

*Unit21*

- Designing and implementing case management solutions
- Designing, implementing, and maintaining several microservices, with attention to security, performance at scale, and maintainability
- Triaging and resolving urgent customer issues, particularly regarding data integrity

### Quality Engineer

August 2019 - February 2022

*MicroStrategy*

- Architecting and executing performance tests focused on multiple core server functionalities
- Designing and executing automated stability, security, and functionality tests
- Developing and maintaining security automation for native web systems
- Maintaining existing testing infrastructure in company-wide CI/CD pipelines

### Undergraduate Researcher

June 2018 - April 2019

*George Mason University*

- Research in Autonomous Vehicle Integration and Design, as well as modern vehicle safety
- Designed and developed Open Dataset Labeling Software
- Research and education in modern data mining techniques for vehicle classification

### Afterschool Teacher, Lead

April 2016 - August 2018

*Stem ExCEL*

- Teaching elementary school-grade children skills in computer game design, programming, and electrical engineering

## CERTIFICATIONS

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### Certified Kubernetes Application Developer

January 2022

*The Linux Foundation*

### AWS Certified Cloud Practitioner

October 2022

*Amazon Web Services*

## EDUCATION

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### Computer Science, B.S., Linguistics Minor

2015-2019

*George Mason University*