

Michael-Andrew Keays

Robot Overlord

PERSONAL DETAILS

Address Alexandria, Virginia
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WORK EXPERIENCES

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

Certified Kubernetes Application Developer

January 2022

The Linux Foundation

AWS Certified Cloud Practitioner

October 2022

Amazon Web Services

EDUCATION

Computer Science, B.S., Linguistics Minor

2015-2019

George Mason University