

# JAMES T. MCGINTY

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## SUMMARY OF QUALIFICATIONS

- Experience writing programs in Python, C++, Rust, Bash, TCL/TK, ASP.NET, Java, HTML and designing in CSS
- Strong commitment, vision, and leadership developed through leading test efforts and group projects
- Highly motivated to achieve and set goals both individually and as a group
- Strength in analyzing, researching, organizing, and problem-solving

## EDUCATION

**Bachelor of Science: Management Information Systems**

**Received August 2020**

**Bachelor of Arts: Computing and Informatics, Cyber Security Concentration**

Rowan University, Glassboro, NJ

## PROFESSIONAL EXPERIENCE

**Full Stack DevOps Engineer**

**September 2022—Present**

Lockheed Martin, Rotary & Mission Systems, Moorestown, NJ

- Deploy virtualized lab environments through AWS, utilizing Ansible playbooks for configuration management
- Create Docker containers leveraging Kubernetes for existing Containers and AMI's on Artifactory and Harbor
- Experience in expanding the Robot automation framework to support integration of capabilities for new baselines
- Develop and automate Python wrappers to encapsulate API's to support the deployment of Aegis element builds

**Systems Integration & Test Engineer**

**November 2020—September 2022**

Lockheed Martin, Rotary & Mission Systems, Moorestown, NJ

- Develop a Jenkins CI/CD work-flow to automate Robot test execution, element data collection, and log transfers
- Verification of system-level requirements through testing of baseline regression for the Aegis Weapon System
- Field experience supporting customer operation and performance analyses of ship integrated weapon systems
- Coordination with the leads of various baselines for the scheduling of test events and allocation of site equipment

## INTERNSHIP EXPERIENCE

**Systems Integration & Test Engineer Intern**

**June 2020—November 2020**

Lockheed Martin, Rotary & Mission Systems, Moorestown, NJ

- Develop Robot Framework tests utilizing Python and Sikuli to automate Ship Self Defense System regression
- Verification of test requirements in a lab environment through system-level integration of software components
- Data analysis in order to debug, document, and correct system anomalies found throughout scenario testing

**Information Security & Technology Intern**

**January 2019—July 2019**

Systems Innovation Engineering, Mullica Hill, NJ

- Develop security policies and procedures in order to ensure compliance with relevant NIST 800-171 standards
- Use of Active Directory to manage all user accounts as well as documenting and configuring network systems
- Handle software and hardware support requests as well as new employee training in regards to company systems

**Information Technology Intern**

**June 2018—July 2018**

Cracker Barrel Old Country Store, Lebanon, TN

- Provided hardware and software support to store management through logging and escalation of incidents
- Developed human networking and communication skills through coordinating incident support with vendors

## ACADEMIC EXPERIENCE

**Vice President of Association for Computing Machinery**, Rowan University, Glassboro, NJ

**Fall 2019—Spring 2020**

**President of Management Information Systems Club**, Rowan University, Glassboro, NJ

**Fall 2019—Spring 2020**

**President of Cyber Security Club**, Rowan University, Glassboro, NJ

**Fall 2018—Spring 2020**

**President of Active Minds Club**, Rowan University, Glassboro, NJ

**Fall 2017—Spring 2020**

**Student Worker**, Computer Science Department, Rowan University, Glassboro, NJ

**Fall 2017—Fall 2019**

## EMPLOYMENT HISTORY

**Retail Shift Leader and Skill Trainer**, Cracker Barrel Old Country Store, Pennsville, NJ

**July 2017—September 2020**

**Laborer**, DK Corral LLC, Pedricktown, NJ

**July 2014—February 2020**

## VOLUNTEER EXPERIENCE

**Website Designer**, Katherine Perez-Rivera, PhD, Rowan University, Glassboro, NJ

**Fall 2017**

**Church Assistant**, Emanuel Lutheran Church, Elmer, NJ

**January 2016—January 2019**