Alex Joseph Norris

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WORK EXPERIENCE

FINRA – Software Development Engineer in Test   April 2022 – December 2023

- Developed automated API testing for synchronized systems using Spring Boot, Selenium, Protractor, and Cucumber
- Implemented REST API testing functionality using Java and Typescript
- Performed manual testing on new features
- Wrote test summary reports for SQL data fixes
- C#, Javascript, Node.js, Object-Oriented Programming, Test Optimization, Back-End Development, and Automation

Strategio – Technologist   January 2022 – December 2023

- Contracted out to work for FINRA
- Collaborative 8 week immersive program preparing for roles in software development
- Trained in PyTest, Python fundamentals, SQL basics, and DevOps

University of Missouri – Kansas City – Research Assistant   March 2021 – March 2022

- Develop software to aid in simulation and autonomy within the realm of unmanned aerial systems defense
- Created Internet of Things network between Raspberry Pis using Digi XBee RF modules to create drone swarm
- Created custom offline network, assigning a Raspberry Pi a static IP address for a private git repository
- ArduPilot, PX4 Autopilot, Unity Game Engine, Unreal Engine, .NET Framework, IoT, Networking, Path Planning, Neural Networks, Machine Learning, PyTorch, TensorFlow, and Robotics

EDUCATION

University of Missouri – Kansas City – Bachelor of Science in Computer Science

- Graduated in December 2021
- 3.625 GPA
- Emphasis in Artificial Intelligence and Software Engineering

CERTIFICATIONS

LC101 JavaScript & C# Web Development – LaunchCode

[PCEP-30-01] PCEP – Certified Entry-Level Python Programmer – Python Developer