Seifeddine Mejri

QA Specialist at Shipt
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Technical Skills

Software Testing
Web: PHP, JS, HTML, and CSS
Integration Tools (CI/CD): Circle CI, Jenkins
Testing Frameworks: Cypress, Selenium
Process: Agile Methodology - Scrum, BDD, TDD
OS: macOS, iOS, Linux
Automation: Python, Bash scripting
Others: SQL, Excel, GIT, JIRA, gurock TestRail

Education

Master of Science: Electrical and Computer Engineering   **Jan 2018 – Jun 2020**
Oregon State University - Corvallis, OR 3.9/4.0 GPA

Bachelor of Science: Telecommunication Engineering   **Sep 2014 – Jun 2017**
Higher School of Telecommunication of Tunis - Tunis 3.4/4.0 GPA

Work History

QA Specialist   **Jul 2020 – currently**
Shipt.com (Acquired by Target), Birmingham, AL

- Wrote and optimized test cases to maximize success of manual software testing with consistent thorough approaches.
- Assessed software bugs and compiled findings along with suggested resolutions for development team members.
- Reduced overall testing hours by more than 40% by writing and optimizing test scripts.
- Worked closely with Product manager to maintain optimum levels of communication to effectively and efficiently complete projects in provisioned time.
- Used Snowflakes for sending SQL queries and collecting testing data.
- Performed RESTful API testing using Postman, and run API tests using Newman in circle CI pipeline.
- Load testing and Performance testing using JMeter.
- Used OAuth2, API keys, tokens, JWT, basic auth.
- Provided regular updates to team leadership on quality metrics by communicating consistency problems or production deficiencies.
- Developed monthly, end-of-quarter and other statistical reports for leadership team and quality improvement programs.

Software Engineer Intern   **June 2016 – Aug 2016**
Elgazala Hacker Space, Tunisia

- Developed and implemented data collection code to collect data from 10 sensors.
- Produced clean, validation-ready code for project needs.
- Used development tools such as C, C++ and Git
- Improved software performance by correcting errors and upgrading interfaces to current specifications.

Network Administrator intern   **July 2015 – Aug 2015**
Tunisie Telecom, Tunisia

- Ensured troubleshooting and Core network management, network configurations in routers, switches.
- Worked closely with Cisco routers configurations for telecom services.
- Aided 200 customers with no complaints, written & verbal communication and troubleshooting skills.
- Closed trouble tickets quickly and efficiently with rate of 10 completed tasks per day.

Selected Projects

2018/2020 AI driven device classification for Increased IoT Network Security
- Implemented and evaluated the performance of machine learning algorithms for performance improvement opportunities.
- Designed, implemented, and evaluated new models and rapid software prototypes to solve problems in machine learning and systems engineering.
- Leveraged artificial intelligence and machine learning algorithms to build a model to recognize digital modulations in Wireless environment for application related to wideband spectrum surveillance and device fingerprinting.

2016/2017 Machine learning of voice pathologies: remote solution for detection of human speech disorder

- Classified human voice, acquisition of samples of 4-6s.
- Performed pitch estimation and analysis of basic features of the speech signal.
- Designed patterns to distinguish normal voice from common speech disorders

2014/2015 Android application development

- Developed an Android application based on the client/server architecture with JEE for BACK-END part.
- Advertising & listing and rating of many restaurants using a Relational SQL database.

Publications

B. Hamdaoui, A. Elmaghbub and S. Mejri, "Deep Neural Network Feature Designs for RF Data-Driven Wireless Device Classification," in *IEEE Network*