

Patrick Moran

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Summary

Organized and self-motivated Software QA Engineer with 1+ years of experience in testing and automation. Continuous learner eager to use my experience and education towards a position as a Software Developer.

Experience

Software QA Engineer

Datacap Systems, Inc.

Aug 2023 – Current

Chalfont, PA

- Responsible for performing integration, regression, and usability testing on software products.
- Testing scope included Android apps, web apps, web APIs, Windows client controls, and more.
- Worked closely with developers to identify problems and develop effective solutions.
- Automated a manual testing process using Selenium, achieving a 90% reduction in testing time.
- Created internal tools to help Integrations and Support teams work more efficiently.

Education

West Chester University of Pennsylvania

Bachelor of Science in Computer Science

Dec 2022

GPA: 3.85/4.00

Honors: Summa cum laude

Technical Skills

Languages / Frameworks: Java, Python, SQL, C/ASM, HTML, CSS, JavaScript, React JS

Developer Tools: Git, GitHub, Jira, Slack, Notion, Figma, MS Azure, Cosmos DB, MS SQL Server, Postman, Swagger, Selenium WebDriver, Wireshark, IntelliJ, PyCharm, Android Studio, VS Code

Interests: Software development, cybersecurity, automation, vintage computing

Projects

Communication Board

- Created AAC software to help people with communication disorders speak using TTS.
- Built with HTML, CSS, and JavaScript. Currently building the next version using React JS.

Radio Stream Recorder

- Wrote a program to stream audio from a radio station's website and save the MP3 to the cloud.
- Instances of the program are scheduled to run using a batch file with Windows Task Scheduler.

Comic Viewer App

- Designed and built an iOS application that allows the user to browse comics.
- Comic data is obtained from an API and the returned JSON data is then parsed and displayed.