

Hayden Durham

Software Engineer

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TECHNICAL SKILLS

- **Languages:** Swift, Python, Java, GoLang
- **Databases:** PostgreSQL, CassandraDB, Redis
- **Technologies:** Git, PyCharm, IntelliJ, UNIX, Xcode, Jenkins, Postman

PROFESSIONAL EXPERIENCE

Apple Inc. *June 2024 - November 2024*
Remote (Memphis, TN)
Software QA Automation Engineer (Internship)

- Working with the Apple Wallet team by performing functional testing, manual testing, frontend and server-side testing, and development using Swift and Python.
- Added features to an internal tool that uses Slack APIs as well as other internal APIs to notify employees of tickets that they have been assigned. I migrated the tool from using Excel to store data, to using a PostgreSQL instance on the company's infrastructure. My contributions required Python, Slack API, internal APIs, Jenkins, and PostgreSQL.

Apple Inc. *January 2023 - June 2023*
Sunnyvale, CA
Computer Vision Algorithm Development (Internship)

- Worked cross-functionally with ML engineers and researchers to gather camera calibration requirements to enhance factory automation for Apple Vision Pro using Python and Paramiko, contributing to an existing code base for gathering data. Resulting in reduced time for gathering data sets for teams across Video Engineering at Apple.
- Revitalized an existing code base with up-to-date security and communications protocols to ensure that the project stayed compatible within Apple.
- Discovered and leveraged different internal tools to streamline project execution avoiding duplicating efforts.

Apple Inc. *August 2019 -Present*
Germantown, TN
Genius

- Demonstrated exceptional diagnostic skills in troubleshooting and repairing Apple products, including in-depth hardware repairs on all Mac models to accurately resolve customer issues and ensure that the device was serviced correctly leading to more modular repairs being done.
- Mentored team members in the moment and through demonstration on Apple products and technical procedures, ensuring team-wide up-to-date technical knowledge through guided participation.

Projects

- [AutoZone Foundational Application](#)
 - A long with one other engineer was responsible for creating an application that handled large data-sets for a data visualization dashboard using Java..
 - Area of responsibility was the back-end (SpringBoot) and the database (NoSQL)
 - Application is still in use by AutoZone internally and was in a state that an AutoZone engineer could take over.
- [URL Shortener](#)
 - Backend API that takes in a long URL and outputs a shortened URL that redirects to the original URL.
 - Used CassandraDB for the database and Redis for the cache.
 - Used Postman for testing the API endpoints

EDUCATION

The University of Memphis *December 2022*
Memphis, TN
B.S. in Computer Science