

Leigh M. Dantes

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Digital Portfolio: <https://leighbee-bit.github.io/leigh-marie-dantes-portfolio/index.html>

Skills and Abilities

- Proficient in coding languages **Kotlin**, **Java**, **OOP Python**, and **SQL**
- Intermediate in **Linux** and **vi Text Editor**

Education

Howard University *Computer Science (B.S.)*

Expected Graduation: May 2028

GPA: 3.77

Experience

Carillon Technologies | Software Engineering Intern JUN 2025 – AUG 2025

- Formulated scripts to control phased array antennas and process data using **MATLAB**, **Python** and **IDE Spyder**, which directly advanced primary Carillon devices
- **Led the software department** with meetings, created presentations, and wrote documentation about self-written scripts and **established a necessary software engineering sector** at Carillon
- Assembled aerospace equipment and assisted other engineers with data collection, debugging, and general testing which sped up discoveries, research, and organized critical information

Intermediate Android App Development | CodePath Scholar
AUG 2024 – CURRENT

- Advanced app creation using the **IDE Android Studio** which strengthened software engineering skills
- Created projects using **SQLite**, **Kotlin** and **Java**, increasing fluency in numerous languages of app development
- Created a working and developing prototype of a trivia application with a database, as a culminating project to display skills learned

Joseph A. Foran Tech Bench Program | Head Chromebook Repair and Programming Specialist SEP 2022 – JUN 2023

- Repaired **Chromebook** hardware and software using the program **IncidentIQ** which allowed the high school to run efficiently with up-to-par devices
- Input tickets for clients and reported each issue to the school district
- **Collaborated with my team** and asked for help when faced with any issue out of my scope to speed up repair time

Projects

The Apple Stand Project | Java, PostgreSQL, Spring Boot

An Android app that can save, delete and edit apple data in a cloud database.

The Hashbrownz Project | Android Studio - Java, Kotlin, SQLite

An Android app that can save and delete user data on a singular device database.

Accolades

2024-2025 College of Engineering and Architecture Dean's List | Howard University 2025

Awarded for maintaining a 3.5 and above semester GPA

Congressional App Challenge Award | United States Congress 2021

Created and submitted Olive, a mental and physical health app using [MIT App Inventor](#)

Xerox Award for Innovation and Information Technology | University of Rochester 2023

Given because of my proficiency and interest in information technology, data structure and software engineering

Capstone Website for Computer Science | Joseph A. Foran High School 2024