Zahra Lambe

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https://github.com/zelambe

EDUCATION:

Washington University in St. Louis; Cumulative GPA: 3.17   May 2020
Bachelor of Science in Computer Science
Minor: African and African-American Studies

TECHNICAL SUMMARY:

Languages and Frameworks: <u>Proficient</u>: C++, Java, PHP, HTML, CSS. <u>Familiar</u>: Python, Kotlin
Databases: <u>Proficient</u>: mySQL, <u>Familiar</u>: Firestore
Development Environments: Visual Studio, Android Studio, Eclipse, Vim

COURSE SUMMARY:

Rapid Prototype Development and Creative Programming, Intro to Parallel and Concurrent Programming, Object-Oriented Software Development Laboratory, Mobile App Development, Data Structures and Algorithms, Analysis of Algorithms, Cloud Computing with Big Data Applications

KEY PROJECTS:

- **impACT** (3rd Place at UMSL | HACK 2019) - Created a volunteerism website on a LAMP stack by creating and managing a server on an Amazon EC2 instance, designing and managing SQL databases, and connecting the front and back end using JavaScript and Ajax.
- **Playlist App -** Developed an Android application with Kotlin to create locally stored playlists with songs from the last.fm API.

WORK EXPERIENCE:

Resident Advisor – Washington University in St. Louis, August 2019 – May 2020
- Facilitated the social, academic, and personal development of 30 sophomore residents through mentorship and programming.
- Worked with a staff of 16 RAs and professionals to create events and programs for 450 students
- Implemented a holistic education model by teaching residents about social justice, identity, and health and wellness
- Completed over 100 hours of training in conflict resolution, diversity and inclusion, and leadership.

Student Technician – Washington University Information Technology, Sept 2018 – August 2019
- Fulfilled hardware and software orders for various departments by doing consultations with customers
- Installed software onto computers and performed quality assurance checks to meet department standards

LEADERSHIP EXPERIENCE:

National Society of Black Engineers - *Telecommunications Chair* – August 2019 - May 2020
- Engaged NSBE members and the WashU community through maintaining and updating WashU NSBE's website and social media.

Association of Black Students - *Internal Community Engagement Chair* – July 2017- May 2018
- Leaded and coordinated Feed My Sheep, the organization's primary mentorship initiative. The program helped to support students by connecting them to Black university staff and faculty.