# Larnelle Ankunda

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## EDUCATION

**Howard University**                                                        **Aug. 2022 – May 2026**
*Bachelor of Applied Science in Computer Science*                             *Washington, DC*
**Relevant Coursework**: Linux Lab, Calculus 1, Computer Science 2(Python), Introduction to Cyber
security, Calculus 2, Applied Data Structures, Software Development Studio, Product Management
**Honors/Awards**: Howard University Capstone Scholarship, HU College of Engineering Dean's list
**Certifications**: Oracle cloud infrastructure foundations associate, Microsoft career essentials in Generative
AI, Microsoft career essentials in Data Analysis, Duke University Python programming Fundamentals

## EXPERIENCE

**Software Engineering Intern**                                              **May 2024 – August 2024**
*Salesforce*                                                                 *San Fransisco, CA*
- Worked in the search team for Salesforce's commerce cloud where i utilized full stack technologies
  such as Javascript, CSS, HTML, React.js, Node.js, and Express.js.

**Tech Exchange Scholar**                                                    **Jan. 2024 – May 2024**
*Google*                                                                     *Washington, DC*
- Accepted into the Google tech exchange program where I attended multiple computer science
  courses like Software development and Product management provided by industry experts amongst
  a cohort of students dedicated to academic excellence from other HBCUs and HSIs.

**Undergraduate Student Researcher**                                         **Oct. 2023 – Present**
*Howard University*                                                          *Washington, DC*
- Conducting a research study on understanding the learning obstacles that students who code face
  in learning data structures and algorithms with the goal of making their logic generation easier.

## CAMPUS INVOLVEMENT

**Finance Zone Intern**                                                      **April 2024 – Present**
*National Society of Black Engineers*                                        *Washington, DC*
- Part of the Howard National society of Black Engineers' Finance Zone under the treasurer where
  we plan on the clubs budget for the upcoming school year of 24-25 as well as how club funds are
  dispersed through club events to benefit club members and Engineering students as whole who are
  interested in advancing their respective careers with professional opportunities.

## PROJECTS

**SparkServe** | *React.js, Node.js, Express.js, Jest, Three.js*            **Jan. 2024 – Mar. 2024**
- Developed a full-stack project using back-end and front-end technologies that made volunteering
  opportunities accessible to volunteers all around the world as well as giving non-profit organizations
  a platform to provide their opportunities to these volunteers.
- Utilized multiple APIs like Google Maps API, Open AI API, Amazon S3 bucket, and many others
  to integrate a map with pinned volunteering opportunities that volunteering organizations post to
  the back-end, create a chatbot answering any questions involving volunteering opportunity data on
  the application, and the option to post image files to opportunities.

**Multi-scanner** | *Python, Shell scripting*                               **Aug. 2023 – Jan. 2024**
- Conducted personal research on mitigation strategies that can be used to reduce the risk of network
  intrusions to an acceptable level.
- Built Network, Port, and WiFi scanners and a firewall for WiFi using the scapy and socket libraries
  and demonstrated knowledge of socket programming in Python.

## TECHNICAL SKILLS

**Languages**: Python, Shell, C/C++, SQL, JavaScript, HTML, CSS, Dockerfile
**Frameworks**: React.js, Node.js, Express.js, Node.js, Three.js, Matreial UI