Larnelle Ankunda

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EDUCATION

Howard University   **Aug. 2022 – May 2026**
Bachelor of Science in Computer Science   *Washington, DC*
Relevant Coursework: Introduction to Computer Science, Exploring Computer Science, Computer Science 1(python), Precalculus, Linux Lab, Computer Science 2(Python), Introduction to Cyber security, Calculus 1
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

Tech Exchange Scholar   **Jan. 2024 – Present**
Google   *Washington, DC*
- Accepted into the Google tech exchange program with the opportunity to attend multiple computer science courses provided by industry experts amongst a cohort of students who are 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 students face in tracing code on specific, concrete inputs, and the obstacles they ultimately face in generalizing that reasoning to abstract, symbolic inputs.

Cybersecurity Scholar   **Sept. 2023 – Nov.2023**
Codepath   *Washington, DC*
- Studying fundamental concepts of computer security and gaining knowledge on mitigating cyber threats and safeguarding digital assets by working on weekly personal projects.

CAMPUS INVOLVEMENT

Club Member   **Aug. 2022 – Present**
National Society of Black Engineers   *Washington, DC*
- Attending and participating in meetings with like-minded black engineers who aim to succeed academically and positively impact the communities around them.

PROJECTS

Light and Sound Memory game | *JavaScript, CSS, HTML*   **Jan 2024 – Present**
- Created a light and sound memory game using Javascript, CSS, and HTML.
- Implemented four game buttons with different colors that make a different pitched sound when clicked and handle four guesses within a sequence of eight clues.

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

Slot Machine | *Python*   **Oct. 2023 – Nov. 2023**
- Created a text-based slot machine using Python that allows bets to placed on specific lines and provides your balance as well as how much money you've deposited.
- Demonstrated knowledge of how to create a matrix, use nested lists, and anonymous variables.

TECHNICAL SKILLS

Languages: Python, Shell, C/C++, SQL, Java, JavaScript, HTML, CSS
Developer Tools: Git, Oracle Cloud Infrastracture