

Gaurav Adhikari

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EDUCATION

Howard University, Class of 2026 | Washington, DC

B.S in Computer Science

Coursework: Exploring Computer Science, Computer Science I, Computer Science II, Computer Organization I, Calculus I, Calculus II

GPA: 3.89/4.00

SKILLS

Technical Skills: Python, Scala, JavaScript, Typescript, React, Cypress, Enzyme, Jest, Automation, Machine Learning, Front-End, Back-end

Certifications: AWS Technical Essentials, Architecting on AWS, Google Data Analytics Professional Certificate, Machine Learning and Data Science with Python

Interests: Hiking, Music, Technology, Travel

EXPERIENCES

Software Development Engineer Intern

May - August 2023

Amazon, Inc

- Created the UX design and developed the User Interface for a new developer feature.
- Designed and implemented robust APIs for seamless communication between front-end and back-end.
- Accurately replicated my teams service's rendering logic in that feature, which reduced developer testing efforts by 90%.
- The core tech stack used were: AWS technologies, React, Typescript, Scala, DynamoDB.

Undergraduate Research Assistant

September 2022 - May 2023

Howard University Computer Science Department

- Co-authored a peer-reviewed paper "evaluating sentiment classification models for African languages" which was accepted at the ICLR 2023.
- Utilized two fine-tuned BERT models: Roberta and Twitter-Roberta.
- Paper evaluated the models for 12 African languages by translating them to English, fine-tuning BERT variants, and assessing model performance.

PROJECTS

CHD Risk Prediction System with Integrated Web Application | *ML, React* September 2023

- Developed a comprehensive Coronary Heart Disease (CHD) prediction system.
- This system combines machine learning models with a user-friendly web application built using React.
- Designed and implemented an interactive web interface that empowers users to input their health data and instantly receive CHD risk predictions.

Freshmen Success: Google HBCU Hack | *Meta Graph API, Selenium, Python*

March 2023

- Created selenium bot to scrape and analyze the available internship/research opportunities from LinkedIn jobs.
- Analyzed on average of 80 jobs every day and filtered them primarily for the freshmen and sophomores. Sub-divided them into 3 categories, last 24hrs, location, remote or physical.

LEADERSHIP & AWARDS

HBCU First Mentor: Fostered professional and networking skills by mentoring a first-year student and assisting over 100 HBCU students in crafting a college-to-career success plan.

AWS Deep Racer Competition: Awarded gifts and cash prizes as the second runner-up in a highly competitive AI racing league, where we had to apply machine learning skills to race a car.

HU Capstone Scholarship: Awarded \$25,000 annually by Howard University for my undergraduate studies.