

Ahmed Mohammed

Washington, D.C. • ahmed.mohammed@bison.howard.edu • (678) 462-6338

Education

Howard University, Washington, D.C.
Bachelor of Science in Computer Science

May 2027
GPA: **4.0/4.0**

Awards: Howard University Achievers Scholarship, Goldman Sachs: Market Madness Scholarship,

Relevant Coursework: Computer Science III, Foundations of UX Design, Computer Organizations II, Calculus II, Discrete Structures, Cloud Computing, Large Scale Programming, Intro to Software Engineering

Projects

InsureRight, First Place Winner, BisonHacks Hackathon 2025

- Developed an AI-driven insurance tool using Python and OpenAI API to simplify claims, analyze denial letters, and help users navigate policies efficiently.
- Designed and built an interactive UI using Streamlit to provide users with real-time AI-driven insurance insights.

Image Filter

- Developed an image filtering application in Python using the imageio and numpy libraries.
- Developed image processing filters, including grayscale, invert colors, red stripe, flip, and sepia, to transform digital images.

Experience

Uber, *Software Engineering Intern, San Francisco, California*

May 2025 - August 2025

- Contributed to the Uber Eats Grocery & Retail team, developing backend services in Go and enhancing frontend in JavaScript..
- Resolved a major performance bottleneck by implementing a crucial database index and optimizing a core SQL query, resulting in a 69% reduction in API latency (from 4.6s to 1.4s).
- Enhanced item data processing by integrating a catalog UUID to generate correct management URLs, resolving a key bug and updating all relevant test cases to ensure system integrity.
- Architected a concurrent Go gateway that integrated with a core API to enrich collection data, providing crucial explainability for curation teams without degrading performance

AI4ALL, *Ignite Fellow, Remote*

April 2025 - Present

- Selected for a competitive 20-week program focused on mentorship by industry engineers, AI portfolio development, career readiness, and opportunities to network with industry professionals and recruiters
- Built a portfolio project: created Python data pipelines to preprocess healthcare datasets, trained supervised ML models using scikit-learn, and integrated ethical AI practices—all within mentor-guided, version-controlled environments.

Bloomberg, *Tech insights Fellow, Remote*

April 2025 - July 2025

- Selected for Bloomberg's competitive Tech Insights program focused on technical interview prep, coding fundamentals, and 1-on-1 mentorship with Bloomberg engineers
- Attended weekly sessions on data structures, algorithms, and system design (arrays, linked lists, trees, graphs, complexity).

Google, *Tech Exchange Scholar, Remote*

January 2025 - April 2025

- Participated in a Google-led program focused on software engineering, machine learning, and advanced programming.
- Attend mentorship workshops led by Google software engineers to gain insights into leading technology and industry practices.
- Developed 8 individual and team projects applying technical skills to real-world problems and building a strong portfolio.

Amazon, *AmazonNext, Remote*

June 2024 – August 2024

- Participated in an exclusive program designed to develop future leaders in technology and business.
- Engaged in weekly assignments and practice sessions, honing problem-solving skills essential for technical roles.
- Acquired techniques focused on advanced data structures and algorithms to enhance readiness for software engineering roles.

Leadership & Activities

HU National Society of Black Engineers intern, *Membership Department, Washington D.C*

December 2024 - Present

- Spearheaded initiatives to boost member participation by organizing workshops, events, and programs tailored to the professional and academic development of NSBE members.
- Conduct surveys to collect member feedback, using insights to improve satisfaction and tailor programming to their needs.

Skills & Interests

- **Technical:** Python, Java, Object Oriented Programming, Linux, SQL, Microsoft Office Suite (Word, PowerPoint, Excel).
- **Language:** Fluent English, Arabic, Amharic, and Harari. Beginner French and Japanese.
- **Activities:** National Society of Black Engineers (NSBE), Muslim Student Association, Ethiopian Eritrean Student Association.