Kiwakibt Melaku

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EDUCATION

University of Virginia, Charlottesville, VA   **May 2027**

B.A. majors*: Computer Science and Foreign Affairs* **GPA***: 3.3*
Related courses*: Introduction to Programming, Data Structures and Algorithms 1, Discrete Mathematics and Theory 1, Computer Systems Organization, Software Development Essentials, Political Economy of the Welfare State, Politics of Developing Areas, International Relations of East Asia.*

SKILLS

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- **Technical skills**: Python, Java, JavaScript, HTML, CSS, SQL, C, Git, GitHub, LaTeX

- **Additional skills**: MS Office(PowerPoint, Word, Excel), Digital Editing (Picsart, Canva), Social Media Marketing

PROJECTS

Cura, Girls Hoo Hack *HTML, CSS, JavaScript, and Python*   **Oct 2024–Present**

- Developed an intuitive and responsive user interface leveraging HTML, CSS, and JavaScript for front end base of website.
- Implemented backend services with Python, leveraging Flask to handle server-side logic and API integration.
- Integrated OpenCV (cv2) for image processing and computer vision tasks.
- Utilized the Nyckel platform for AI model training and fine-tuning a large language model (LLM) with a custom data set.
- Trained a custom AI model database operating over 1,000 images, boosting accuracy and performance for image processing tasks.
- Regulated file operations and backend functionality using Python libraries such as os and requests.

Portfolio, *HTML, CSS, JavaScript*   **Aug 2024 – Present**

- Created an engaging and responsive user interface using HTML, CSS, and JavaScript to showcase personal projects and accomplishments.
- Incorporated interactive features utilizing JavaScript, enhancing site functionality and user engagement.
- Ensured cross-platform compatibility and responsiveness, optimizing usability for various devices and screen sizes.

PROFESSIONAL EXPERIENCE

The Black Sheep, Charlottesville, VA, *Campus Ambassador*   **Nov 2023–Present**

- Organized and hosted 10 events around campus to increase brand awareness for partnering companies. In top 5 best-performing teams among universities campaigning for Calm.
- Communicated with students interested in the company to answer any questions.
- Tracked and reported on key performance indicators (KPIs) for events.

Writing Center, Silver Spring, MD, *Lead Tutor, Social Media Manager*   **Nov 2021 – May 2023**

- Conducted over 100 tutoring sessions, helping students with college essays and homework.
- Brainstormed solutions to management problems and gathered resources, organized workshops for students on topics such as college and scholarship essay writing.
- Oversaw all content published on social media and boosted engagement rates by creating compelling and visually appealing content, growing Instagram to over 100 followers.

LEADERSHIP

National Society of Black Engineers (NSBE), Charlottesville, VA, *Conference Planning committee*   **Sep 2024 – Present**

- Facilitated workshops to prepare 20+ students with essential skills and knowledge for conference participation.
- Managed conference funds using Notion and organized comprehensive itineraries, ensuring smooth scheduling and budget adherence.

Volunteers with International Students, Staff, and Scholars (VISAS), Charlottesville, VA, *Language Consultant*   **Jan 2024 – Present**

- Guided regular meetings to help an international student improve English conversational skills. Introduced American cultural norms to assist with their transition to the U.S.
- Provided personalized guidance to enhance language proficiency and cultural understanding and supported the student in navigating challenges related to language barriers and cultural adaptation.

Ethiopian Eritrean Student Association (ESSA), Charlottesville, VA, *Special Events Committee*   **Nov 2023 – Present**

- Supported in designing and executing a large-scale cultural event that brought together 200+ individual.
- Collaborated with 10+ team members to ensure smooth execution of diverse campus activities.

OTHER INVOLVEMENTS

Active Member: Public Service Pathways; Color Stack; Women of Color, Honor, and Ambition (W.O.C.H.A); National Security Intelligence and Defense Organization (N.S.I.D); Black Student Alliance (B.S.A); Women in Computer Science (WiCS).