Kiwakibt Melaku

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EDUCATION

University of Virginia, Charlottesville, VA   May 2027

B.A. Intended major: Computer Science and Foreign Affairs **GPA:** 3.4
Related courses: Data Structures and Algorithms 1, Discrete Mathematics and Theory 1, Introduction to Programming, Political Economy of the Welfare State, Politics of Developing Areas, Intermediate Chinese

SKILLS

- **Technical skills:** Python, Java, JavaScript, HTML, CSS, Git, Github

- **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 deploying HTML, CSS, and JavaScript for the front end base of the 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 dataset.
- Trained a custom AI model database using over 1,000 images, improving 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

- Devised an engaging and responsive user interface leveraging HTML, CSS, and JavaScript to showcase personal projects and accomplishments.
- Designed a seamless front-end experience with a focus on modern web design principles and user-friendly navigation.
- Incorporated interactive features using JavaScript, enhancing site functionality and user engagement.
- Ensured cross-platform compatibility and responsiveness, optimizing the portfolio for various devices and screen sizes.

PROFESSIONAL EXPERIENCE

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

- Organized and hosted 9 events around campus to increase brand awareness for partnering companies. In the top 5 best-performing teams amongst 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
- Managed conference funds using Notion and arranged comprehensive itineraries, ensuring smooth scheduling and budget adherence.
- Facilitated workshops to prepare students with essential skills and knowledge for conference participation.

Black Student Alliance (BSA), Charlottesville, VA, *Historic and Alumni Relations committee*   Aug 2024 – Present
- Fostered communication amongst alumni and undergraduate students for monthly "USBA connect" events.
- Arranged materials ensuring smooth operations, and engaging with participants to create a welcoming atmosphere.

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 increase 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.