Abel Kelbessa

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EDUCATION

Haverford College   **Expected Graduation: May 2025**

Bachelor of Science in Computer Science

Relevant Course work: Introduction to Computer Science, Data Structures and Algorithms, Object Oriented Programming, Introduction to Programming in Physics and Astronomy, Computer Systems, Foundations of Data Science.

SKILLS

Skills: Python, Java, C, C++, HTML, CSS, JavaScript, NumPy and Matplotlib, Objective-C, Parse.

EXPERIENCE

Meta (Facebook) - iOS Developer Intern | Menlo Park, CA   June 2022 – August 2022

- Worked on the Instagram Close Friends Experience team to develop iOS applications.
- Created a college matching iOS app to help users find a great fit colleges based on their preferences. The app utilized Parse as a backend and different APIs and data models.
- Built an Instagram clone with a custom backend, a Twitter clone using Twitter's API, and a movie-viewing app.

Haverford College – Intro to Computer Science Teaching Assistant | Haverford, PA   Jan 2022 – May 2022

- Held a 2-hour office hour weekly to work with students in answering questions that came up in their labs.
- Taught python, data visualization through NumPy and Matplotlib, and object-oriented programming.
- Guided students in their data visualization and interpretation project for the class.
- Graded weekly labs and participated in weekly professor and teaching assistants' meetings.

Tri-Co Hackathon – Participant | Haverford, PA   Jan 10, 2022 – Jan 12, 2022

- Used Python and Matplot to convert sample medical data to interpretable data.
- Create a sample website for data entry to collect medical data.
- Won second place within the Hackathon.

PROJECTS

Memory Game   May 2022

- Worked with a team to create a memory game that improves the remembering capacity of players.
- Developed the GUI and back-end with my team.
- Used java swing and built-in java libraries.

Haverford College Course Selection Website   December 2021

- Worked on redesigning the college's course selection website to make it more user friendly.
- Worked on creating efficient algorithms to search for courses.
- Used python for backend.

Auto-Correct Bot   October 2021

- Wrote an algorithm that corrects incorrect words input by the user.
- Created an interface for users to interact with the program.

LEADERSHIP

International Student Representative and Student Council Member   April 2022 – January 2023

African Leadership Academy Secretary of the Student Government   April 2020 - Jan 2021