

# Cindy W. Kilonzo

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## EDUCATION

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### Ashesi University

Accra, Ghana

B.Sc. in Computer Science

Expected Graduation, May 2027

- o **Concentrations:** Intelligence and Modeling/Simulations
- o **GPA:** 3.65/4.00
- o **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Database Systems, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications, Discrete Structures and Theory, Linear Algebra

## EXPERIENCE

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### Amazon.com

New York, New York

Software Development Engineering Intern

May 2020 – Aug 2020

- Created Python scripts to construct a pipeline that retrieved performance data from the AWS cross-regional team
- Developed various stacks on Node.js for data sources such as CloudWatch, Bindles DataLake, and DynamoDB
- Utilized various AWS resources such as Glue Crawlers, S3, Lambda, Redshift, and Quicksight to develop a dashboard displaying real time metrics

### Georgia Tech's Lab of Interactive Computing

Atlanta, Georgia

Research Assistant

Dec 2019 – May 2020

- Utilized Python and its NetworkX graph structure library to develop efficient algorithms to optimize resource flow in a simulation in which a natural disaster strikes a city
- Developed the graphical user interface on PyGame to allow the users to visualize the results

## PROJECTS

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### Ride Dash

Accra, Accra

Team Lead

November 2024-December 2024

- Developed a programme that enables passengers and cab drivers within the same locality to connect with no intermediaries
- Created the programme using Java OOP concepts and an interactive javaFx GUI

## ACTIVITIES AND LEADERSHIP

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### Georgia Tech's College of Computing

Atlanta, Georgia

Teaching Assistant for CS 2340 (Objects and Design)

Aug 2020 – Dec 2020

### Muslim Student Association

Atlanta, Georgia

President

Aug 2019 – Current

- Leader of an organization of 100+ members, hosting religious events, managing a board of executives, and reaching out to the underprivileged community in Atlanta

## SKILLS

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**Programming:** Java, Python, HTML/CSS, javaFx

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, Jupyter Notebooks, Git,