

# Ermelinda Izihirwe

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## EDUCATION

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### Georgia Institute of Technology

BSc in Computer Science, GPA: 3.59

Atlanta, Georgia

August 2017 – May 2021

### Coursework

Object Oriented Programming, Data Structures & Algorithms, Blockchain 101 (Online OHUB workshop)

## SKILLS

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**Languages:** Python, Java, HTML, CSS, familiar with JavaScript

**Technologies:** Git, Bootstrap, familiar with APIs, Flask, Heroku, Google Cloud Platform

## WORK EXPERIENCE

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### Web Developer Intern

*BK TechHouse*

Kigali, Rwanda

Summer 2018

- Collaborated with a team to convert and redesign the front-end of mobile app into a single-page web application. The app was an education management system which allowed guardians and students to keep track of grades, tuition fees, announcements, etc.
- Headed the design and coding the user interface for the Express.js app, implementing HTML, CSS, and Bootstrap.
- Improved the app's responsiveness from only desktop to all view-ports.
- Succeeded at learning the particularities of Git to collaborate efficiently with a team of five people.

### Student Assistant

*Center of Academic Success, Georgia Tech*

Atlanta, GA

January 2017 — Present

## PROJECTS

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### Command Line Memory Game, Java

- Programmed a replication of the card game, Memory, that can be played in the terminal
- This project was a means for me to practice Java OOP concepts and some data structures.

### HackGT 5 Project, Here.com's API, Flask, JavaScript, Bootstrap, HTML, CSS

- A web application implementing Here.com's map API to help facilitate connections between tutors and tutees.
- Worked on the back-end with Heroku and PostgreSQL. Was not successful due to errors, but I gained valuable knowledge.
- Joined the front-end to refine API usage and user interface.

### Rwanda UX Challenge, Flask, JavaScript, Bootstrap, HTML, CSS, Google Map API and Cloud Platform

- The challenge is to create a responsive and accessible web portal where users can easily access information and publications from different Rwandan governmental institutions.
- Completed the programming and deployment of the web app prototype in less than two days.
- Contributed to the written design document which complemented the prototype.

## LEADERSHIP & ACHIEVEMENTS

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### Manager, Robotics Club

Dakar, Senegal

2015 — 2017

- Coordinated the high school robotics team, which was the first VEX Robotics team in Africa.
- Debugged and tested our work with the hardware and software teams.

### Tech Trek Participant, Code2040

### Member, Opportunity Hub

### Captain, African Student Association Dance Team

### Secretary, GTSBE International Committee

### Volunteer Writer and Editor, The Reach of Hope Network