**Ermelinda Izihirwe**

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**EDUCATION**

**Georgia Institute of Technology** Atlanta, Georgia

BSc in Computer Science, GPA: 3.59August 2017 – May 2021

**Coursework**

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

**SKILLS**

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

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

**WORK EXPERIENCE**

**Web Developer Intern** Kigali, Rwanda

*BK TecHouse* 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** Atlanta, GA

*Center of Academic Success, Georgia Tech* January 2017 — Present

**PROJECTS**

**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**

**Manager**, *Robotics Club* Dakar, Senegal2015 — 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*