

Ermelinda Izihirwe

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EDUCATION

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

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

Technologies: Git, Bootstrap, Express.js, familiar with APIs and Flask

OS: Windows, Linux

WORK EXPERIENCE

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

- Completed clerical tasks and harnessed teamwork and customer service skills.

PROJECTS

Command Line Memory Game

- 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.

Campus Analytics Challenge: Live Green and Live

In Progress

- The challenge is to create an algorithm that minimizes carbon footprint, while maintaining quality of life.
- Python will be used to create the machine learning algorithm.

LEADERSHIP & ACHIEVEMENTS

Manager

Robotics Club

Dakar, Senegal

2015 — 2017

- Managed 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

San Francisco, CA

September 2018

- Earned a place in this program designed to help Black and Latinx students to develop professionally in tech.

Member

Opportunity Hub

San Francisco, CA

August 2018 — Present

- OHUB is an organization invested in inclusive innovation and entrepreneurship.

Captain

African Student Association Dance Team

Atlanta, GA

2018 — Present

Secretary

GTSBE International Committee

Atlanta, GA

September 2018 — Present