

# Samuel Iradukunda

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## EDUCATION

### J.B. SPEED SCHOOL OF ENGINEERING, UNIVERSITY OF LOUISVILLE

LOUISVILLE, KY

Major: Computer Science

AUG 2024

- Relevant Coursework: Data Structures, Intro to Databases (SQL), Intro to Java/C++/C Programming, Engineering Calculus

### SAINT XAVIER HIGH SCHOOL

LOUISVILLE, KY

High School Diploma

MAY 2020

- Relevant Coursework: AP Programming in Java, AP Computer Science Principles 1, Engineering Principles & Practices

## TECHNICAL SKILLS

- Programming Languages: Python, C++, JavaScript, MySQL, Java
- Software: Microsoft Excel, Microsoft PowerPoint, Microsoft Outlook, Microsoft Word, Adobe Lightroom Classic
- Trilingual: English, Kinyarwanda, Chichewa

## PERSONAL PROJECTS

### PORTFOLIO WEBSITE | *iradukunda.net*

NOV 2021 - PRESENT

- Designed the web application's front UI using React, HTML, and CSS to have a centralized location for my projects and ideas
- Deployed the website using GitHub Pages as well applied a custom domain to allow easy access using Google domains

### DISCORD WEB-SCRAPPING BOT

FEB 2021 – NOV 2021

- The application efficiently retrieves current player or world leaderboard stats on my Discord channel to my friends and I
- Programmed the bot application using Discord's Python, JavaScript, and as well as GIT to easily add my files to GitHub

### VIDEO GAME SALES DATA SORTER

DEC 2021 – DEC 2021

- Built a program using C++ that extracts video sales data from an Excel sheet and outputs standard deviation and mean

## WORK EXPERIENCE

### WESTENDSCHOOL.ORG

LOUISVILLE, KY

#### WEBSITE ADMIN VOLUNTEER

JAN 2022 – PRESENT

- Maintain and troubleshoot any error that may occur to certify alumni as well as school donors have access to all information needed to assist a free tuition, boarding school, dedicated on raising responsible men
- Improved communication skills by communicating with website's host on issues concerning the servers

### HAPPY PRODUCTION

LOUISVILLE, KY

#### PHOTO EDITOR

OCT 2021 – PRESENT

- Construct photographs using a top 3 software, according to [tomsguide.com](https://tomsguide.com), Adobe Lightroom, to ensure professional grade service
- Improved organizational and communication skills by developing and publishing professional-grade photographs based on customer's specifications in turn providing my employer with 23 patrons as to date

### MALIBU JACK'S

LOUISVILLE, KY

#### ROVER

MAR 2019 – MAY 2020

- Operated and charged fast moving electric go-karts for customers which heightened my interest in electric vehicles and sustainability
- Strengthened my organization skills by coordinating with 20 other team-members to organize special events which played a huge role in our company's yearly \$1.3 million revenue

## LEADERSHIP AND INVOLVEMENT

### NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)

LOUISVILLE, KY

#### STUDENT PARTICIPANT

SEPT 2021 - PRESENT

- Participant in an organization dedicated towards increasing the number of black engineers as well as assisting current black students

### FRESHMAN LEADERSHIP

LOUISVILLE, KY

#### STUDENT PARTICIPANT

SEPT 2020 – OCT 2020

- Attended a competitive, application based, leadership program geared towards college freshman students to leadership opportunities
- Developed initiative skills by organized and executed an event to raise aware of campus's 579, 738 pounds of waste each month

### BROWN FORMAN ENGINEERING ACADEMY

LOUISVILLE, KY

#### STUDENT PARTICIPANT

JULY 2020 – JULY 2020

- Attended a competitive, application-based program focused setting up incoming engineering students for success
- Developed crucial skills required to be successful in an engineering setting by participating in various group activities

