

# Collins Kandongwe

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## EDUCATION

### **B.A., Computer & Information Science (Concentration in Computer Science)**

*Expected Graduation: May 2023*

Berea College (Berea, Kentucky)

GPA – 3.6

- Dean's List (6x)
- Tuition Promise Scholarship – \$140,000

**Relevant Courses:** Programming (Python), Data Structures (C++), Human-Centered Design, Discrete Mathematics, Theory of Computing, Database Systems, Programming Languages

## TECHNICAL SKILLS

- Languages: Python, C++, CSS, HTML5, JavaScript
- Design tools: Adobe photoshop & XD,
- Git Version Control

## WORK EXPERIENCE

### **Software Engineer Intern**

ServiceNow Inc.(Design Systems Team)

*May 2021 - present*

- Developed front-end components using Seismic which are the visual foundation for the ServiceNow platform that serves 1000+ employees and 100+ customers.
- Shipped front-end components to the UI Builder team that made building applications for the entire organization, smooth and easy.

### **Open-Source Software Contribution**

Runestone Academics

*August 2021 – present*

- Fixed student database search algorithm used by 200+ professors to allot grades to students in their courses by using JavaScript, and MySQL.
- Reduced time taken for a professor to assign a teaching assistant on Runestone Academy website by 50% by fixing the student data entry display through by using JavaScript, HTML and MySQL.

### **Computer Science Teaching Associate**

*January 2022 – present*

Berea College Computer Science Department

- Assist professors to grade and prepare homework assignments for a class of 41 students, hence reducing the professor's workload by 35%
- Aid fellow students with homework assignments in software engineering, programming languages and data structures.
- Built a sign glove that translates letters of the sign language Alphabet to sound with 75% accuracy using C++ and electronics for student illustrations.

### **Student Network Technician**

Berea College Information Systems and Services

*August 2021 – November 2021*

- Assist users get devices connected in both academic and residential spaces
- Provide the campus body with phone support for both handsets and voicemail on the Aruba and cisco systems

## PROJECTS

- Front and back-end design and implementation of portfolio website ([View Code](#))
- Feeding Kentucky Data Normalization (MySQL, python, JavaScript) ([View Code](#))
- Mindfulness web application (MySQL, python, JavaScript)([View Code](#))

## EXTRACURRICULAR ACTIVITIES

- Code Together Club President
- National Society for Black Engineers (NSBE) member

*January 2022 – present*

*February 2021 – present*

## SKILLS/INTERESTS

- Cooking, Singing, Drawing Labor Council Member, Exercising, Outdoors, Entrepreneurship, Podcasting