

Merville Njounkeng Daize

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Education

B.A., Computer & Information Science, Business Administration *Expected Graduation- December 2024*
Berea College GPA- 4.0 – Dean's List Berea, Kentucky

- Awarded a four-year full-tuition scholarship \$220,000
- Relevant Courses- Data Structures and Algorithm, Applied Statistics, Software Design & Implementation, Business Applications & Programming, Trigonometry & Mathematical Modeling

Skills & Interests

- **Developer Tools**-Python, C++, C, SQL, VBA, HTML, CSS, Kotlin, Processing, Tableau, Git, GitHub
- **Languages**- English and French language
- **Clubs & Extracurriculars**-Motley Fool Investment club, Berea NSBE Chapter, Google Developers, Girls Who Code, Rewriting the code, Makerspace administration

Professional Experience

Incoming SWE Intern *June 2022- August 2022*
Duolingo Inc Pittsburgh, Pennsylvania

- Collaborate on full-stack software projects in collaboration with product design.
- Develop, release, and maintain services and/or infrastructure related to the Duolingo app

Teaching Assistant *January 2022 – Present*
Berea College\Business Application and Programming Berea, Kentucky

- Facilitate weekly sessions out of class to help 50 students in their understanding of business applications, fundamentals such as data analysis using excel, access, and SQL
- Assist professors with creating course syllabi, grading weekly assignments for students & materials for the course

Investment Analyst *January 2021 – Present*
Berea College\Motley Fool Investment Club Berea, Kentucky

- Collaboratively manage a \$250,000 diverse portfolio with a team of five student managers with a goal to exceed the S&P 500 returns; achieved a 10% increase in returns on equity
- Analyze companies' financial statements, employee-employer relationships, customer approval ratings, & environmental impact for quantitative & qualitative value

Student Data Analyst *May 2021 – August 2021*
Berea Community School Berea, Kentucky

- Organized data & reporting through Infinite Campus, a national K-12 information software
- Collected & processed database information from students, families, & staff to help administrators & teachers to make informed, data-driven decisions

Teaching Assistant (remote) *June 2021 – July 2021*
Center for Teaching Access & Training Washington, D.C.

- Developed computer literacy lesson plans for disadvantaged students on computer programming fundamentals, including Python data types, variables, conditionals, & loops
- Taught 35 middle & high school students computer literacy skills, including Python & game design, in a virtual environment using Scratch

Projects Tools: Kotlin, Python, Android Studio, Git Version Control, Databases, API, CSS, HTML

Flixster App: An app that allows users to browse movies from a Movie Database API. *February – 202*

Twitter App: Built an android app that allows a user to view his Twitter timeline and post a new tweet. The app utilizes Twitter REST API. *March – 2022*

October – 2021

Resources for Refugees – MakeUC Hackathon - USA

Collaborated closely with a team of four to design a website that collects data from a refugee and suggests suitable countries and resources for that refugee.

COVIDvolution – Berea College Computer Science Department *November – 2021*

- Designed and implemented a Python program that transcribes and translates COVID-19 genome sequences, compares and returns the similarities between the original strand discovered in China versus strands that emerged from 12 different countries around the world.