

BRENDA CHEPKORIR NYANGWESO

APPLICATION DEVELOPMENT INTERN

1016 McGowan Street • 72202 • Little Rock, Arkansas

brenda.chepkorir.n@gmail.com • (501) 478-7964

PROFILE

A resourceful and industrious individual. Avidly pursuing internship and job opportunities to render acquired skills. Equally, to develop in knowledge and experience in Software Engineering and its related fields.

EDUCATION

University of Arkansas at Little Rock

(UA Little Rock)

2016 – 2021

Bachelor of Science in Information Science

Alliance Girls' High School - Kenya

2012 – 2015

Kenya Certificate of Secondary Education (KCSE)

Notable Commendations

Outstanding Junior in the Bachelor of Science in Information Science Program (2019)

Dean's & Chancellor's Lists (Spring 2019, Spring & Fall 2018)

African Leadership Academy Kenyan Finalist (2015)

EXPERIENCE

College of Engineering Student Leadership Board

September 2018 - **Present**

Represent the Department of Information Science on the College of Engineering Student Leadership Board at the University of Arkansas at Little Rock.

- Discuss and share student body concerns with the Dean of the College to implement all-inclusive decisions.

RockCity Hacks

April 2019

Facilitated a JavaScript workshop and mentored at the inaugural RockCity Hacks, a hackathon for high school students, for the University of Arkansas Division of Agriculture.

- Developed two basic applications and prepared slides to expound on the basics of front-end and back-end web application development in JavaScript.

Community Night of Coding

December 2018

Voluntarily built a Chatbot for the Community Night of Coding - an event hosted at UA Little Rock and partly sponsored by Computer Science for Arkansas (CSforAR).

- The bot, Leo, was featured as an example of Artificial Intelligence for K-12 students at the event.
- It made use of Azure Cognitive Services like LUIS, was built in JavaScript, with a front-end hosted on Heroku.

WORK

Application Development Intern

J.B. Hunt Transport Services, Inc.

July 2018 – **Present**

Java application containerization using Docker and Orchestration using Kubernetes.

Chatbot development using the Microsoft Bot Framework with Node.js in Azure.

Code maintenance, update, and debugging.

Company research on emerging technologies and data visualization.

Tutor

UA Little Rock Student Support Services

April 2018 – **Present**

Providing academic support for peers in college writing and programming in C#, Java, and JavaScript.

Skills

JavaScript Application Development:
Node.js – Angular – Express

Chatbot Development:
Microsoft Bot Framework

HTML5 & CSS3

Java Application Development:
Spring – Spring Boot

Cloud Application Development:
Microsoft Azure

Research & data visualization

Writing

Office365

Blockchain Hackathon

September 2018

Participated in the annual University of Arkansas Blockchain Hackathon as a member of the winning team for the J. B. Hunt use cases challenge.

- Collaboratively devised a digital Bill of Lading solution to be implemented with Blockchain technologies.
- Solely wrote the code for the business logic and network resources for the business network, *Truck Hunt*, in *Hyperledger Composer* and deployed it successfully to the *Hyperledger Fabric*.

STEM Summer Research Program

May 2018

Took part and successfully completed the Arkansas STEM Summer Research Program at Arkansas School for Mathematics, Sciences, & the Arts (ASMSA).

- Focused the research experience on the association of containerization with security in relation to cloud migration and data breaches.

United Nations Office on Drugs and Crime (UNODC)

2015

Represented Kenya as a youth delegate for the United Nations Office on Drugs and Crime (UNODC) Youth Initiative.

- Worked collaboratively with global youth delegates in discussions sharing methods of combating the drug pandemic.
- Participated in the formation of the Youth Statement to be presented to the UNODC global ambassadors.