Cyaira Hughes

Software Engineer

✉ cyairahughes@gmail.com
in linkedin.com/in/cyaira-hughes
🐙 github.com/cyairahughes

EDUCATION

Virgina Commonwealth University

August 2019 - May 2023

B.S. in Computer Science

Minor in Statistics
Cum. GPA: 3.47

Relevant Courses

- Operating Systems
- Algorithm Analysis
- Database Theory
- Data Science
- Statistical Computing
- Fundamentals of Software Engineering
- Natural Language Processing
- Software as a Service
- User Experience
- Linear Algebra
- Graphs and Algorithms
- Advanced Data Structures

SKILLS

- Python
- Java
- C#
- C
- SQL
- HTML
- CSS
- PHP
- JavaScript
- Git/GitHub
- Unity
- R Programming
- SAS Programming
- JMP
- SPSS

HOBBIES

- Building Lego Sets
- Long Distance Running
- Crocheting

CAREER OBJECTIVE

As a new graduate with a passion and strong foundation in computer science, my objective is to secure a position in software engineering or data science. I aim to utilize my earned knowledge, problem-solving skills, and eagerness to achieve to contribute effectively to a team.

PROJECTS

Traversing Mars Through Robotic Movement

August 2022 - May 2023

- *Created a robotic data visualization technique of the Mars terrain utilizing an ABB GoFa robot.*
- *Designed robotic arm movements using Microsoft HoloLens 2 hardware and Unity software.*
- *Developed an interface in Unity for users to interact with different Martian surfaces.*
- ***Won best project for Computer Science at the Virgina Commonwealth University Engineering Capstone Expo***

Protein Prediction

August 2022 - December 2022

- *Used KNN classification models for the prediction of proteins that interact with DNA, RNA, DRNA and nonDRNA.*
- *Our best model produced an average MCC value of 0.291 on unseen test data.*
- ***Awarded third most accurate project for average MCC.***

Box Battle

January 2022 - May 2022

- *Collaborated with a team of 4 to create an Android application of the popular dots and boxes game.*
- *Conducted extensive playtesting and user feedback analysis.*
- *Participated in peer evaluation of our product.*

Higher Living

January 2022 - May 2022

- *Created a database to reflect the everyday processes and interactions of a typical grocery store using MySQL.*
- *Produced detailed relational diagrams and write-ups on how entities should interact within the database.*
- *Created a website using PHP, CSS, and HTML to add to interactibility.*
- ***Awarded best solo design project.***

WORK EXPERIENCE

Resident Housing Desk Assistant

Virginia Commonwealth University | Richmond, Virginia

January 2022 - May 2023

Provided support to students and parents, answered phones, assisted with dorm lockouts, wrote incident reports, and assisted during move-in and move-out.

Front-End Cashier

Kroger Inc. | Douglasville, Georgia

February 2021 - August 2021

Greeted customers, rang up purchases, handeled returns, answered questions about products, policies and services.