

Muslima Karimova

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Objective

Looking for a software engineering role where I can grow professionally and contribute. I love coding. Ambitious about my goals to make a great impact and change.

Education

BCs Computer Science | Swansea University

2021-2024

GPA: First Class Honours predicted (current average: 80.9%)

Skills

- | | | | |
|----------|-----------|--------------|--------------------|
| • Java | • PHP | • JavaScript | • Python |
| • Kotlin | • MySQL | • HTML, CSS | • Machine Learning |
| • C | • Laravel | • Unity | • Haskell & Prolog |
| • C++ | • Docker | • C# | • Git |

Experience

Teaching Assistant | Swansea University

OCTOBER 2023 – PRESENT

Worked as a Lab Demonstrator in computer science labs, guiding students through practical applications of the course, troubleshooting code errors, marking, and providing valuable feedback and assessment.

Labs demonstrated include following modules:

- Artificial Intelligence (Python, Prolog)
- Declarative Programming (Haskell, Prolog)
- Programming (Java)
- Algorithms

Senior Student Ambassador | Swansea University

SEPTEMBER 2023 – PRESENT

Responsible for enhancing the student experience. Led and coordinated Open Days, orientation sessions, student recruitment initiatives, graduation ceremonies.

Student Ambassador | Swansea University

APRIL 2022 – AUGUST 2023

Conducted campus tours, participated in student recruitment efforts, and worked on a helpline responding to inquiries and providing guidance to prospective students.

Techgirls Ambassador | U.S. Department of State's Bureau of Educational and Cultural Affairs

JUNE 2019 – AUGUST 2021

TechGirls is an international exchange program designed to empower and inspire young women worldwide to pursue careers in science and technology. Contributed to the program by teaching and inspiring young females in my community to pursue careers in STEM. Undertook intensive courses on Java, cyber-security, and cross-cultural communication.

Student Ambassador & Mentor | Technovation

SEPTEMBER 2019 – JUNE 2021

Technovation is a global tech education non-profit that inspires girls to be leaders and problem solvers in their lives and their communities. Organised InfoWeek & Open Data sessions, and App Inventor tutorial lectures, and facilitated the recruitment of participants and mentors. Led cohort of over 400+ Technovation girls.

Mentor | Microsoft

MARCH 2019

DigiGirlz High Tech Camp is a Microsoft initiative aiming to develop girls' technological skills and familiarity with cutting-edge technology. Was part of an organisation team and mentored a cohort of 100 girls aged 12 to 17.

Projects

- Final year university project: developing Learning Management System platform for schools using PERN (Postgres, Express.js, React.js, Node.js) + Typescript, Tailwind, Docker following Agile software development life cycle.
- Developing "Gossip Girl" community forum Web Application using Laravel Framework, PHP, Sail, MySQL, Docker.
- Developing 3D shooting game using Unity3D & C# as part of the coursework.
- Developed PowerShell To-do list application in C++ utilizing JSON for database and CXXOpts for parsing command line arguments.
- Created Restaurant Review Mobile Application in Kotlin, Android Studio & Firebase and scored 93% on implementation.
- Group project in a team of 5, developed recreation of the 1997 desktop game "Jewel Chase" in Java and got first class.
- Trained Machine Learning Models for Image Classification and did Analysis of Support Vector Machine and Convolutional Neural Network Models on CIFAR100 dataset.
- Embedded System Design Module: Used LabView and Uppal to design embedded system for vacuum cleaner robot.
- Designed database simulation for Iceland and retrieved data with SQL queries to generate receipt from fake database.

Portfolio & Links

[LinkedIn: linkedin.com/in/mousiyah](https://www.linkedin.com/in/mousiyah)

[Github: github.com/mousiyah](https://github.com/mousiyah)