Reem Alsharabi

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EDUCATION

Effat University   Jeddah, Saudi Arabia
BSc in Computer Science   *2020 – present*
- GPA: 3.93 out of 4
- Dean's List for 4 semesters.
- Queen Effat Citizenship Award 2022-2023 nominee.

EXPERIENCE

Women Techmakers Ambassador   May 2022 – present
Google   *Jeddah, Saudi Arabia*
- Selected by Google as an ambassador of Women Techmakers.
- Organized a virtual event at Effat University for women in STEM.

Makkah Programming and AI Days Challenge   March 2022
SDAIA   *Jeddah, Saudi Arabia*
- Participated in Makkah Programming and AI Days Challenge.

The Programming Club Leader   Feb 2022 – present
Effat University   *Jeddah, Saudi Arabia*
- Founded The Programming Club at Effat University in 2022.
- Orgnized over 5 events for Effat College of Engineering students.
- Trained over 50 members (CS and ECE students) on Git, GitHub, and Overleaf.

Peer Tutor   Sept 2021 – Oct 2022
Effat University   *Jeddah, Saudi Arabia*
- Provided one-on-one or small groups tutoring to students and explained programming
  fundamentals such as functions, loops, recursion, and pointers in C++.
- Helped students understand some Data Structures and Algorithms concepts implementations in Java.
- Performed basic administration duties with the dean of Effat College of Engineering.

Google Developer Student Club (GDSC)   Sept 2021 – May 2022
Effat University   *Jeddah, Saudi Arabia*
- Technical Assistant in GDSC core team.
- Generated certificates automatically for GDSC events attendees.

PROJECTS

Movie Rating System ⬈ | *Java, Swing, MySQL*
- Developed a system that provides information about movies as well as their cast and crew.
- The system allows users to create an account to review the movies.
- Admin credentials, and graphical user interface.

School Management System ⬈ | *C++, Makefile*
- Developed a program to manage the data for a school with students and courses.
- Implemented the program using objects from the different classes, based on a UML class diagram.

Book Club Website ⬈ | *HTML, CSS, JavaScript, PHP, SQL*
- Developed a full stack, database-driven web application with admin credentials requirements,
  for the Book Club at Effat University.

Numerical Methods ⬈ | *MATLAB*
- Implemented some of the numerical solutions for non-linear equations.
- Algebraic equations: Bisection, Newton, and Secant methods.
- Differential equations: Euler, Taylor, and Runge-Kutta methods.