# Reem Alsharabi

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#### DESCRIPTION

Effective Student committed to learning, developing skills in Software Engineering and team contribution. Self-directed and energetic with superior performance in both autonomous or collaborative environments working independently and collaborating with others on group projects.

## SKILLS

Technical Skills: Python, MATLAB, Java, C++, Full stack web development, Git and GitHub Soft Skills: Strong communication skills, Detail Oriented, well-organized team player, Fluent in English

#### **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 interface.

#### 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.

# 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 Z | HTML, CSS, JavaScript, PHP, SQL

- Developed a web application for the Book Club at Effat University.
- Implemented a full stack, database-driven web application that requires admin credentials.

## Dental Clinic Website Z | HTML, CSS

• Developed UI for a dental clinic to show information about the clinic and the dentists applying concepts in UI/UX.

# EDUCATION

# Effat University

August 2020 – Present

- BSc in Computer Science
- Dean's List for four semesters
- Programming Club Founder and Leader 2022 present
- Google Women Techmakers Ambassador 2022 present
- Core Team in GDSC Effat (Google Developer Student Club) 2021 present