

Aly Soliman

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EDUCATION

BSc Computer Science
Qatar University

2021 – 2025

SKILLS

Python • Java • JavaScript • TypeScript • Kotlin • Next Js • Astro Js • React • Solid Js
Three Js • Git • HTML • CSS • FastAPI • SQL • Prisma • JetPack Compose

PROJECTS

ConfPlus

ConfPlus is a **Next.js**, **React**, and **Prisma**-powered web app that simplifies conference management. It offers features like scheduling, registration, speaker management, and session planning for optimized performance and dynamic interfaces.

eQatar System

I engineered an Object-Oriented Programming (OOP) module facilitating the procurement and vending of electronic devices, spanning smartphones, cameras, and video games. The User Interface (UI) was meticulously crafted using **JavaFX** and **CSS**, enhancing user interaction and visual appeal, and Using ORACLE DB and **SQL** to store the data securely.

Python Attendance report

I created a program designed to extract data from individual attendance reports and subsequently generate consolidated attendance reports generated by Collaborate Ultra. To navigate through directories effectively, I utilized the OS module.

PROFESSIONAL EXPERIENCE

Software Engineer
QATAR UNIVERSITY
Part-Time

10/2023 – present

- Engineered a robust and secure Carbon Sealed-Bid Auction System for Digital Carbon Taxation, leveraging cutting-edge technologies including **Astro.js**, **Solid.js**, and **FastAPI**. This project facilitated efficient carbon management and sustainable practices, contributing to environmental initiatives in Qatar.

NPRP12C-0821-190017- SP104

IT Support Specialist
QATAR UNIVERSITY

07/2023 – 10/2023

- Provided prompt and effective technical support to end-users, resolving hardware and software issues efficiently to minimize downtime.
- Installed, configured, and maintained computer hardware, including desktops, laptops, printers, and peripherals, ensuring optimal performance.

Front-end Developer Intern
QATAR COMPUTING RESEARCH INSTITUTE

05/2022 – 08/2022

- I was responsible for designing and developing the front-end of a prototype dashboard for the Diplomatic Pulse website (<https://diplomaticpulse.org/>) under the auspices of the United Nations, utilizing **React** and **Next.js** technologies.

AWARDS

QATAR COLLEGIATE PROGRAMMING CONTEST

3rd Place Bronze Medallist and Regional Arab and Africa Collegiate Programming Contest Qualifier