Abdelrahman Bayoumi Ibrahim

Personal Info

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EDUCATION

Faculty of Science, Alexandria University Fall 2017 – Jul 2021

BSc. Computer science. Cumulative GPA: 3.72.

Graduation Project: **PlayStation & Restaurant management system**

   I was responsible to build the front-end for PlayStation rooms, Restaurant and Café, store products, expenses, statistics, archive, and reports.

Work Experience

Co-Founder   **Seen - س**   05/2021 – Present

   Team of developers interested in developing and building open-source services for Arabic language. I was responsible for the front-end development.
Our work: Arabic Services.   GitHub

Summer Trainee   **Information Technology Institute (ITI)**   08/2020 – 09/2020

   UI/UX training. Learned Photoshop, Illustrator, Adobe XD, HTML, CSS, JavaScript, UX, responsive design.   Behance

Projects

Web Applications:

Prayer Times   06/2020 – 08/2020

Shows Muslim prayer times for the city of Alexandria for today.
Technologies used: **Node.js**, Express.js, RESTful API   Website

IR Models   11/2019 - 12/2019

Implementation of IR models (Link Analysis - Statistical model - Vector space model)
Technologies used: Front-End: HTML & CSS, Back-End: Python & **Flask.**
   Source code & Live Website: GitHub

Desktop Applications (JavaFX):

Azkar-App   08/2020 – under development

Desktop application for calculating Muslim prayer times, displays a Morning and Night Azkar with reminder, and shows a notification for random Azkar that pops-up every specific time.
Technologies used: JavaFX, FXML, CSS, **SQLite**, Flyway.   Source code: GitHub

Books-Database   06/2020

Desktop application for (Store Books data - Display Books and Fields - Search for book by Title and Author and Publisher and Description).
Technologies used: JavaFX, FXML, CSS, **SQLite**.   Source code: GitHub

Colors-Database
01/2020

Colors Database App is a desktop application used to store colors in Hex Code and variable names to help Design with CSS.

Technologies used: JavaFX, FXML, CSS, **SQLite**.   Source code: GitHub

Tic-Tac-Toe game
12/2019

A simple Tic-Tac-Toe game (2 players)

Technologies used: JavaFX, FXML, CSS.   Source code: GitHub

Convert image to ICO
10/2019

Desktop application used to convert images in JPG/PNG/GIF format into ICO.

Technologies used: JavaFX, FXML, CSS.   Source code: GitHub

Notes
09/2019

Notes is a simple and awesome notepad app. It gives you a quick and simple notepad editing experience when you write notes.

Technologies used: JavaFX, FXML, CSS, **HSQLDB**.   Source code: GitHub

CPU Scheduler
09/2019

Desktop Application implements 4 CPU scheduling algorithms: FCFS, SJF, SRT and RR.

Technologies used: JavaFX, FXML, CSS.   Source code: GitHub

Hotel reservation system
03/2019 – 04/2019

Built a Desktop app that Manages the reservations and Guest Check-in or Check-Out.

Technologies used: JavaFX, FXML, CSS, **MySQL, Hibernate ORM**.   Source code: GitHub

Language and Technologies

- **Back-End:** C++, Python, **Java, Node.JS**.
- **Front-End:** HTML, CSS, JavaScript.
- **Framework: JavaFX**, basics: Express.js, Flask.
- **Database:** Relational Database (**MySQL, SQLite**) – NoSQL Database (**MongoDB**)
- **Others:** Git, **Problem Solving,** OOP, Design Patterns, **RESTful APIs**.

Volunteer Experience

HackerRank Campus Cub, Alexandria University.   11/2019 – 02/2021

Volunteered in Technical committee, as a **Technical Instructor**. Offered mentoring to several participants in (**Problem solving - Java Basics To OOP) sessions.**

Addition Experience and Awards

- Completed Server-side Development with NodeJS, Express and MongoDB from The Hong Kong University of Science and Technology on **Coursera**. Certificate
- ACM problem solving winter training (2020).
- Participate in **ECPC (2020) Qualifications** Round. ICPCID