Nour Kahile

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EDUCATION

Bachelor of Science in Computer Science Graduation: May 2022
Purdue School of Science, IUPUI - Indianapolis, IN GPA: 3.3

SKILLS

- Programming Languages: C/C++, C#, Python, Java, PHP, PL/SQL, and Scala
- Software Packages: Visual Studio Code, Azure Data Studio, Code Blocks, Eclipse, IntelliJ
- Version Control: GitHub, Bitbucket
- Operating Systems: Windows, Unix
- Fluent in English and Arabic
- Strong Problem Solving and Software Design skills

PROJECTS

Renewing/Renovating the Web Application of Science Education Foundation of Indiana

- Collaborated with three colleagues on a semester project for Indiana University - Purdue University Indianapolis. It is a Project Judging System that can be used to help the committee of the school during contests or hackathons. Our team used (*PHP)* for all the backend functionality of the web app and (*JavaScript, HTML/CSS*) for building the frontend.

Workout generator/Tracker GUI

- Created a GUI using (*Java Swing)* to generate workouts to the user based on their goals and body type.
- Help the user see and improve their progress by creating a *Jtable* to keep track of all workouts done by the user.

Tree Math Expression Evaluator

- Implemented a program in (*C++*) that uses a tree-based evaluator to solve math expressions.
- The program uses many design patterns such as the Composite Pattern, the Visitor Pattern, and the Builder Pattern to design and implement this expression evaluator.

Blood Donation Application for Schools

- Developed an application using (*Java)* and *(SQL Server)* to assist and help any committee of any chosen school and make their blood donation process easier.
- The user will be able to interact with the program through the computer's console, all data will be manipulated, saved, and extracted from the database.

EXPERIENCE

Infosys

Full Stack Software Engineer Intern, Indianapolis, IN **06/2021 – Present**

- *Smart Farming Solution,* Our Team of 7 engineers are working on a project that is being developed with the vision of directly connecting farmers with customers. This will potentially prevent any intermediate brokers, thus reducing the cost. The objective of this project is to provide accurate, on time information to customers, farmers, consultants, and shop owners. A web app and a mobile app are currently under development.

VOLUNTEER

TechPoint SOS Challenge

Software Engineer, Indianapolis, IN **06/2020 – 08/2020**

- A group of five and I worked on building a web app that would keep track and potentially inform users of how many tested positive or negative for covid-19 per county.
- The project was implemented with Azure Frameworks and C#.NET CORE for the backend, JavaScript, CSS/HTML for the frontend, SQL to hold all the coordinate points and doctor's information, and the R programming language for plotting points on the map.