Arzu Kirici

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SUMMARY OF SKILLS

- Excellent time management, completing projects under strict deadlines, and strong interpersonal skills acquired from work experience as a programmer/analyst.
- Willingness to take full responsibility and ownership of the entire process and each result. These skills were gained from work as a scientist, bookkeeper and supervisor.
- Commitment to continuous learning to increase knowledge and skills.
- Ability to speak English/Turkish and multi-cultural experience gained from my trips to numerous countries.

TECHNICAL SKILLS

- **Language:** C, C++, Java, JavaScript, HTML5, CSS3, Node.js
- **Database**: MySQL, SQL, PL\SQL, MongoDB
- **Software**: Visual Studio 2017, Visual Studio Code, Eclipse, Notepad++
- **Operating** Systems/ Microsoft Office: Windows, Mac, Linux, SharePoint, Excel, Word, PowerPoint, Publisher, Visio, Outlook

EDUCATION

Computer Programming Diploma Program| Seneca College | Toronto, ON   Sept. 2021 - Present
- Specialist in C++, Python and SQL

Master of Science,
Biotechnology | University of Ankara | Ankara, Turkey   Jun. 2019
- Dealing with very large data sets for: Data analysis, DNA/RNA isolation, PCR, RT-PCR techniques; CRISPR/Cas9 workings system for gen knocks out; abiotic and biotic stresses; Germination Test, HapMap, MapQTL, Stratification (Cold Treatment).

Bachelor of Science,
Biology | University of Ankara | Ankara, Turkey   Jun. 2014

ACADEMIC PROJECTS

Instagram Clone Application "ExpressGram"   June 2023-continue
- ExpressGram is a Node.js and Express.js based Instagram clone app project. Leveraging the power of NPM, the application allows users to share photos and interact with each other's posts.
- The project focuses on advanced JavaScript/ES6 features such as the difference between "var," "let," and "const," error handling using try/catch/finally and throw, promises for asynchronous operations, and arrow functions with lexical "this" context. Express.js configuration and settings are implemented for smooth routing and middleware handling.
- To enhance the user experience, the app utilizes Handlebars.js as a template engine for efficient rendering and dynamic content generation.
- Overall, ExpressGram aims to recreate the core functionalities of Instagram while exploring and implementing modern JavaScript concepts and utilizing the capabilities of Node.js and Express.js.

Inventory-Based Order Fulfillment System: Streamlining Assembly Line Operations for Efficient Order Processing   April. 2023
- Developed and implemented an assembly line system using C++ for efficient order processing. Designed and executed classes for workstations, orders, line manager, and inventory management.
- Created a simulation mechanism to track the movement of customer orders, ensuring timely and accurate fulfillment while handling inventory shortages.

Valet Parking Application using C++   Jan. 2022
- I developed the project by creating its user interface (Menu system). Then I created a mockup application that represented what the application would look like and act without doing anything (Parking app).
- I created a prototype of the application then coding its engine and finally adding functionality to Parking to make it fully functional.

Console-Based Application for Cooking Website -JavaScript   Oct. 2021
- Developed a console-based application to manage recipes on a cooking website using JavaScript. I created several functions to handle different operations.
- Implemented the required operations by utilizing the functions.
- Implemented functions for recipe classification, display, searching, and rating management to effectively manage the cooking website's recipe database.

A Webpage for Cat Adoption-HTML5, CSS3, JavaScript   Nov.2021
- Created a pet demo application that works with "pet" data using JavaScript, HTML5, and CSS3
- The application showed all the pets from "pet data" array of objects and allowed users to filter the pets in the system.

Math Quiz Application-HTML5, CSS3, JavaScript, DOM (Document Object Model) Events   Nov.2021
- Developed a quiz application using JavaScript to test the user's general knowledge of math using JavaScript, HTML5, and CSS3
- This project involved generating questions and answer choices, displaying them on the UI, evaluating answers, and managing the game flow to provide an interactive math quiz experience.

ADDITIONAL EXPERIENCE

Bookkeeper – Food Basics| Toronto, ON   Oct. 2021 – Present
- Facilitating practical communication skills by providing assistance when approached by customers
- Maintaining the front end of the store by supervising employees, applying time management to increase efficiency, and organizing merchandise
- Responsible for training new employees on safety regulations, store procedures, and customer service
- Responsible for inputting cask pickup's, managing invoices, balancing office safes and cash registers
- In charge of employee payrolls, employee weekly schedules, and call in's
- Input all register transitions into TPK software, as well as input bank withdrawals into SADD
- Knowledge of Swedamart and BDMS systems including writing orders and taking inventory

COVID-19 Laboratory Technician – Tikkle Scientific| Toronto, ON   Feb. 2022 – Apr.2023
- Receive, label, and organize nasal swab samples
- Perform nucleic acid extractions and real-time RT-PCR to detect viral RNA in nasal samples
- Troubleshoot sample and machinery irregularities
- Enter, track, and update sample status using LIMS
- Sanitize workstations, open and close laboratory trailer

Supervisor – Tim Hortons | Toronto, ON   Feb. 2022 – Apr.2023
- Processed payment transactions
- Counted and balanced inventory
- Trained, orientated and monitored new team members, using PTS and feedback binder
- Assisted the Restaurant Manager in recruitment and retention strategies

CERTIFICATES

- Programming Foundations: Beyond the Fundamentals   **June 2023**
- Introduction to Career Skills in Data Analytics   **June 2023**
- Learning Data Analytics Part 2: Extending and Applying Core Knowledge   **July 2023**