

AISHA KHAN

Undergraduate in Computer Science

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Education

University Of Guelph

50 Stone Rd E, Guelph, ON

Bachelors of Computing Honours, Major in Computer Science, GPA: 82

Sep 2023 - Current

- **Selected Coursework:** Programming, Intermediate Programming, Web Design and Development, Discrete Structures In Computing, Statistics, Linear Algebra
- **Awards:** College of Engineering and Physical Sciences Dean's Honours List

Technical Skills

Languages: C, C++, Python, Python 3, LaTeX, HTML, R

Developer Tools: Git, GitHub, Visual Studio, R Studio

Technologies/Frameworks: CSS Styling, GitHub, GitLab, VSCode

Personal Projects

Employee Contact Database Management System in C- [LINK](#)

FEBRUARY 2024

- Developed a user-friendly interface in C to collect and store employee contact data, including name, ID, email, etc., into a structured .db file. Useful in Data Analysis
- Implemented the programming use of binary files, dynamic allocation, user-defined functions and makefile
- Implemented a user-friendly menu interface in C, enabling users to efficiently search for employees by ID or name, print all employee records for easy access, and dynamically add new employee records to the database, ensuring seamless expansion and maintenance of the database
- Ensured data integrity and error handling throughout the application to provide a robust and reliable solution for managing employee records

Dynamic Car Information Management System (C)

MARCH 2024

- CarManager is a sophisticated software solution designed to streamline the organization and management of car information within the OneCarSolution warehouse.
- Built upon a robust foundation of a dynamic linked list implemented in C programming, CarManager offers a versatile platform for storing, updating, and accessing vital car data
- Utilizes a dynamic linked list structure to efficiently store and manage car information, ensuring flexible memory allocation and optimized performance
- Features an intuitive user interface with a menu prompting users to add, edit, and remove car information effortlessly. Allows users to input or modify details such as car make, model, year, VIN, and more with just a few clicks.
- Delivers quick and accurate results for tasks like sorting cars by make or searching for specific models. Empowers the company to maintain optimal organization and efficiency in its operations, providing a seamless user experience and robust functionality

Webpage on Canadian Donuts in HTML

FEBRUARY 2024

- Created an interactive website in HTML code to convey information on Canadian Donuts, their history and user-engaging points on locations to visit and flavours to purchase
- Incorporated the use of hyperlinks, images, lists and article bodies within the code

Fibonacci Sequence Calculator in Python

JANUARY 2024

- Defined two functions, fibonacciRecursive and fibonacciIterative, both of which calculate the nth Fibonacci number based on user input

Game "Mixed Treasures" in C

OCTOBER 2023

- Developed two efficient functions, fibonacciRecursive and fibonacciIterative, to calculate Fibonacci numbers based on user input.
- Leveraging both recursion and iteration, these functions generate Fibonacci sequences swiftly and accurately, catering to different computational preferences.
- Empowers users to explore Fibonacci numbers of any desired order with ease and precision, offering a valuable resource for mathematical exploration and problem-solving.

Simple Math Calculator in C

SEPTEMBER 2023

- Developed a simple calculator application in C capable of performing basic math operations such as addition, subtraction, multiplication, and division
- Implemented user-friendly input prompts and error handling mechanisms to ensure smooth operation and accurate calculation results

Work Experience

DKNY/KARL LAGERFELD

TORONTO PREMIUM OUTLETS, HALTON HILLS

SALES ASSOCIATE

MAY 2023 - APRIL 2024

- Provided personalized assistance to clientele with a focus on clear communication, kindness, and professional demeanor
- Achieved daily goals, driven by a commitment to surpassing expectations and fostering enduring customer relationships through exemplary service
- Managed both the cash register and sales floor, gained expertise in the handling of transactions

CALVIN KLEIN

TORONTO PREMIUM OUTLETS, HALTON HILLS

SALES ASSOCIATE

JUNE 2022 - DECEMBER 2022

- Provided exceptional customer service by assisting with product selection, folding clothes, and maintaining a tidy and organized store environment

CASHIER

- Managed large transactions including refunds and exchanges at the cash register