

Salman Shaikh

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EDUCATION

University of Western Ontario, London, ON

(Expected) 2022

Honours Specialization in Computer Science

- Attended Hack Western in 2017 and 2018.
- Completed Data Structures and Algorithms course and achieved a grade of above 80%
- Studied industry standard designed patterns for software engineering.

WORK EXPERIENCE

Cowan Insurance, Brantford, Ontario, Canada

Jan 2017 – June 2017

Analyst Assistant

- Designed and implemented a VBA macro to automatically make changes to experience reports resulting in a reduced workload for analysts.
- Created and organized a database of high-profile clients to better manage client needs resulting in more satisfied clients.
- Reduced billing inaccuracies for clients by generating billing reports and double checking the accuracy using an excel spreadsheet.

PROJECTS

Digital Dictionary

- Created an ordered digital dictionary to store various file types using a custom implementation of a binary search tree data structure. The dictionary includes various query operations to retrieve saved records. (Java, Binary Search Tree, Abstract Data Types)

Bus Route Finder

- Created a Java applet to using graphs to find the optimal route for a bus from point a to point b traveling the least distance. (Java, Graphs)

Tic Tac Toe Game

- Developed a tic tac toe game in java to play against the user, using a tree of hash tables the computer would explore all scenarios and make the best play. (Java, Hash Tables)

File Compressor/ Decompressor

- Using binary trees and Huffman compression algorithm this java program could compress basic text files reducing their size significantly and decompress them back into their original state. (Java, Binary Trees)

Personal Website

- Using HTML boilerplate and CSS and JavaScript I created my personal portfolio/website to showcase my projects and abilities. (HTML, JavaScript, CSS)

GitHub: <https://github.com/salmanshaikh733>

SKILLS

Languages: Java (fluent), python (proficient), C (proficient), HTML (Prior Experience), CSS (Prior Experience), JavaScript (Prior Experience), Android Development (Beginner), VBA (Proficient), ARM (Proficient).