

Aliful Haque

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EDUCATION

Wilfrid Laurier University

Honours Bachelor of Business Administration, Co-op

Waterloo, ON

2017-Present

University of Waterloo

Honours Bachelor of Computer Science

Waterloo, ON

2017-Present

SKILLS & INTEREST

- **Relevant Courses:** Designing Functional Programs, Algorithm Design and Data Abstraction, Object Oriented Software Development, Optimization, Graph Theory, Financial Management I & II, Organizational Behavior.
- **Languages:** C, C++, Python, Java, Swift, Bash, R, Scheme, SQL, HTML, CSS.
- **Tools:** MS Office, GIT, Flask, SQL Server, CaseWare, Jazzit, TaxPrep, QuickBooks, Sage 50.
- **Interests:** Machine Learning, iOS Development, Web Development, Data Science, Full Stack Development.

WORK EXPERIENCE

Kestenberg Rabinowicz & Partners LLP

Staff Accountant

Markham, Ontario

Jan 2019—Apr 2019

- Reviewed and recorded journal entries to reflect operational activity of client.
- Created and analyzed financial statements for public and private clients using Jazzit.
- Worked on Notice to Reader's using CaseWare and Corporate tax returns using TaxPrep.
- Generated custom reports related to sales, expenses and profitability of companies in a team environment.
- Modelled cashflows of companies and calculated IRRs using MS Excel.

M/S MA Enterprise

Junior Sales Representative

Dhaka, Bangladesh

Jun 2018—Aug 2018

- Gave sales presentations using MS PowerPoint to a range of prospective customers.
- Visited potential customers to evaluate needs or promote products and services.
- Maintained inventory and helped to prepare monthly sales reports using MS Excel.

PROJECTS

UltraInstinct

git.io/Je3Ej

- Implemented automated text mining through Twitter's tweet extraction API using Flask.
- Utilized IBM's NLP API to perform sentiment analysis on automated scraped tweets.
- Developed algorithm to generate an overall score for a user from individual sentiment scores.

Sudoku Solver

git.io/Je32l

- Implemented a backtracking algorithm to provide solutions to Sudoku puzzles using C.
- Puzzle is muted until solution is complete and valid.

Checkmate Checker

git.io/Je327

- Developed a text-based algorithm in C that checks if the king can escape from the queen in a chess game.
- The king and the queen must be the only pieces left in the chess board.

Hangman

git.io/Je32F

- Developed an interactive user interface in C that mimics the Hangman game using modularization.

Tic-Tac-Toe

- Implemented an interactive user interface in Python that allows two users to play the tic-tac-toe game.

RSA

- Implementation is achieved through small primes using Python.

EXTRACURRICULAR & LEADERSHIP EXPERIENCE

Shutter Bugs Social Welfare Club, President

Oct 2014—Jan 2017

- Led and guided members and volunteers in on-field community events.
- Called monthly meetings, checked performance of members and managed the finances of the club.