

ARSHIA MALEKAHMADI

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EDUCATION

Ryerson University

Bachelor of Science (Honours) Computer Science(CS GPA 3.1)

Toronto, ON

September 2017 - May 2021

QUALIFICATIONS AND TECHNICAL SKILLS

Programming languages: Java, C, Rust, Python, HTML, CSS, SQL, Bash

Other skills: Bootstrap, git, Linux, Agile Methodology

COURSE STUDIES

Programming Languages *Java, C, Smalltalk, Rust, Haskell, Elixir*

Learned main concepts of algorithm development and implementation, and Object Oriented principles.

Discrete structure and computer algorithms

Learned Dynamic programming, Memoization, Backtracking, Graphs, Array Searching and complexity analysis.

Artificial Intelligence and Machine Learning

Studied algorithms and subjects such as, Belief networks, Natural language understanding, Neural networks, Linear models, Data processing and Data manipulation.

PROJECTS

Poker Game

Built a poker game using Java. Main focus of project was implementing algorithms for finding the winner of each hand faster, and having a lower overall run-time. Throughout this project I taught myself implementing algorithms for better computational complexity.

December 2017

Grocery Cart Simulator

Built a grocery cart and cash simulator using Java GUI framework. This program helped me improve my overall layout of UI applications and use of common elements for better clarity.

March 2018

WordFiller and WordPacking

Developed algorithmic programs for guessing words in a pattern and packing them based on their alphabets. Main algorithms used are recursion, backtracking and memoization to achieve maximum efficiency.

December 2018

Siren Records

"Siren Records" is a UI music application that was written in Java. Users are able to add songs to playlist, and add to queue. This application was focused on writing tests, refactoring, and applying Agile methods to software projects.

April 2019

EXPERIENCE

Canadian Tire

Sales associate

Toronto, ON

April 2019 | Present

- Answered product questions with up-to-date knowledge, improved my customer service and active listening skills.
- Took responsibility in dealing with new seasonal merchandises and reorganized the warehouse based on seasonal products improved my commercial awareness and problem-solving skills.

Parsian Fine Foods

Costumer representative and Deli Clerk

Toronto, ON

May 2018 | September 2018

- Provided costumers with details about product and different foods, improved communication skills and connecting with clients

TFS High school

Math Tutor and Teacher Assistant

North York, ON

September 2016 | July 2017

- Helped teachers and archived students' papers, assignments, and exams sheets, resulted in major improvements in organizing and managerial skills.
- Set one to one meeting with peers for assisting them. This improved personal time-managing, communication skills, and improved organizing working environment.