Arshia Malekahmadi

arshiamalek.com · arshiamalekahmadi@gmail.com · 647-570-1118 · https://github.com/ashmlk

EDUCATION

Ryerson University   Toronto, ON
Bachelor of Science (Honours) Computer Science(CS GPA 3.1)   September 2017 - May 2021

QUALIFICATIONS AND TECHNICAL SKILLS

Programming languages: Java, C, Rust, Python, HTML, CSS, SQL
Other skills: Bootstrap, git, Linux, Bash, 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 etc.

Artificial Intelligence and Machine Learning
Studied algorithms and subjects such as, Belief networks, Natural language understanding, Neural networks, Linear models, Data processing and etc.

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 building GUI and creating a user interface designs.   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; therefore, improved my skills in computer algorithms.   December 2018

Siren Records
"Siren Records" is a music application that was written in Java with basic functionality and user interface which users are able to add songs to playlist, and add to queue. This application was focused on writing tests, refactoring, and software development process.   April 2019

EXPERIENCE

Canadian Tire   Toronto, ON
Sales associate   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   Toronto, ON
Costumer representative and Deli Clerk   May 2018 | September 2018

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

TFS High school   North York, ON
Math Tutor and Teacher Assistant   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.