Arshia Malekahmadi

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EDUCATION

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

QUALIFICATIONS AND TECHNICAL SKILLS

Programming languages: Java, C, Rust, Smalltalk, HTML, CSS
Other skills: Bootstrap, git, Linux, Bash, LaTeX

COURSE STUDIES

Programming Languages *Java, C, Smalltalk, Rust, Haskell, Elixir*
Learned main concepts of code structure, algorithm development and implementation, and
Object-Oriented design principles in different categories of computer languages.

Discrete structure and computer algorithms
Learned main concepts and discrete coding structures and algorithms. For example, Backtracking,
Graphs, Array Searching and etc.

PROJECTS

Poker Game
Built a simple 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. These projects focused on implementing data structures and algorithms on data for
maximizing efficiency of the programs. Main algorithms used are recursion, backtracking and
memoization, which improved my skills in saving memory and achieving lower overall run-time.
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, add to queue and etc. This application was
focused on writing tests, refactoring and software development process.   April 2019

EXPERIENCE

TFS HIGHSCHOOL   Toronto, ON
Math Tutor   September 2016 | July 2017

- Helped teachers organize materials, collected papers 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.

Metro Grocery Store   Toronto, ON
Deli Clerk   June 2017 | September 2017

- Served deli to costumers by taking orders from costumers, improved customer service skills, and
  management skills in rush hours.

- Took phone-orders for orders which required preparation, which improved phone service skills and
  customer service 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

- Took catering orders on phone and managed different costumer and orders at the same time
  improved costumer service and ability to make decisions efficiently during busy working
  environments and hard tasks.