

Sara Naeem

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PROFESSIONAL EXPERIENCE

Software Consultant Intern, Knoldus, Remote

May 2021 – August 2021

- Collaborated with a team in an Agile setting, solved bugs, created test cases, and implemented new features on the Leaderboard project, a website that awards points for employees' contributions to the company.
- Increased code coverage by 30%.
- Implemented APIs that obtain information from a database and return a JSON file.
- Contributed blogs and attended/presented at weekly meetups.

SKILLS

- **Proficient in:** HTML/CSS, C, Java, Python, Scala, UNIX/Shell, ScalaTest, MockitoSugar, SBT and MS Office
- **Familiar with:** Git, SQL, SVN, Android Studio, Flask, Docker, Trello, and Postman
- Understanding of SOLID design principles, OOP, and data structures and experience implementing them.
- Knowledge of software development lifecycle and software process models (Agile, Waterfall, Spiral, etc.)
- Communication, teamwork, and interpersonal skills as displayed through Excel Lasonde and group projects.

PROJECTS

Recreating Course Website,

May 2020 - April 2023

Worked with another student to recreate a course site to be easier to navigate and more responsive while maintaining all of the information from the previous course site.

- **Programmed in** HTML, CSS, SQL, and Python.
- Used SQL and a database (in MySQL) so that students and instructors could view respective grades, and give feedback.

Android Sales Management App,

November 2019 - January 2020

Worked in a team of 4 to create a sales management app that included SOLID design principles and allowed logins from customers, admins and employees, kept track of inventory and allowed customers to add products to their cart..

- **Programmed in:** Java, SVN, and JUnit
- **Technologies Used:** SVN and JUnit
- Created user stories (on Trello), layouts and UML diagrams

EDUCATION

York University - Lassonde School of Engineering

May 2020 - April 2023

B.Sc. Honours Computer Science Co-op, GPA 3.1/4.0

Relevant courses: Data Structures, Design and Analysis of Algorithms, Software Design, Software Tools

University of Toronto

September 2018 - May 2020

Candidate for Computer Science, Mathematics and Statistics

Extracurriculars

Tutor, Excel Lasonde,

December 2020 – present

Providing tutoring service to students to aid with school and help decrease the number of dropouts.

Volunteer, University of Toronto Hack the Valley IV,

February 2020

Helped set up and communicate information about events to Hack the Valley participants, worked at the technology checkout station, and resolved issues as they came up.