

Rana Al-Khulaidi

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EDUCATION

University of Toronto

Sept 2021 - Present

BSc - Computer Science Specialist with Math Minor

GPA: 3.99 / 4.00

- Expected graduation: May 2026, Dean's List Scholar, Arts & Sciences Internship Program

SKILLS

- Programming:** Advanced in Java, Python, C, MIPS Assembly, SQL. Proficient in Bash, HTML/CSS.
- Tools:** Git, Junit, Pytest, Logisim, Pyscopg2.

EXPERIENCE

Web Development Assistant

May 2023 – Sept 2023

Ministry of Children, Community, and Social Services

Toronto, ON

- Improved accessibility of 3 public-facing websites through manual AODA testing, ensuring WCAG 2.0 compliance (level A and AA), identifying areas for improvement, and producing comprehensive reports.
- Translated user stories into test cases by dissecting user interactions, identifying sequential steps, and adhering to the company's testing framework for systematic validation.
- Developed JSON-based server request templates, optimizing base case generation for increased efficiency.

Technology Deputy Returning Officer

May 2022 – Jun 2022

Elections Ontario

Toronto, ON

- Deployed technology and voting software to accommodate over 300 voters and completed tests to verify the accuracy of functions and to ensure smooth operation.
- Provided guidance to voters throughout the process in an efficient manner while successfully troubleshooting issues to minimize average processing time to three minutes per voter.

EDGE Leadership Project Volunteer

Jun 2019 – Aug 2019

Women's Enterprise Skills Training of Windsor Inc.

Windsor, ON

- Coordinated and facilitated events for three local organizations ensuring smooth implementation and successful outcomes by actively motivating and leading diverse groups of people.
- Assisted in multiple workshops for groups of 10-15 students, translating and interpreting for Arabic-speaking individuals to ensure their understanding of the material taught in the workshops.

PROJECTS

Real Estate Management Program Java

May 2022 – Aug 2022

- Developed a program which allows buyers and sellers to create accounts, list properties, view listings, and message each other, while admins can oversee and manage the program and all its users.
- Ensured adherence to the principles of SOLID design and utilized design patterns to enhance maintainability.

Impact of COVID-19 on the Health of Businesses Python, Plotly

Nov 2021 – Dec 2021

- Created a program that efficiently processes and presents imported CSV data from seven Canadian cities.
- Visualized data through graphs with multiple analysis features to provide insights on the time impact of COVID-19 on the health of businesses.

Multi-Level Parking Game Java

Mar 2019 – Jun 2019

- Developed a program that allows players to maneuver through obstacles and park within designated spaces.
- Utilized Tkinter and Swing to provide users with a seamless and engaging interface to navigate the game and modify difficulty settings.