

AMINA ELTAHIR

✉ amna.a.ibrahim22@gmail.com | ☎ 780-716-7982

🌐 <https://amna-a.github.io/> | [in https://www.linkedin.com/in/amina-eltahir/](https://www.linkedin.com/in/amina-eltahir/)

Education

University of Alberta Jan 2020 - Apr 2021
“Master of Engineering”
Electrical & Computer Engineering (Software Engineering & Intelligence Systems)

Sudan University of Science & Technology Sep 2012 - Dec 2017
“Bachelor of Engineering (Honors)”
Electronics Engineering (Computer & Networks)

Skills

Languages: C++, Python, Rust, HTML, CSS, JavaScript

Technologies: Bootstrp, React, SQLite, PostgreSQL, Git, Linux, Windows, MS Office Suite

Relevant Projects

AMINA-RECIPE Edmonton, Alberta
<https://github.com/Amna-A/recipe-app> 9 Aug 2021
Full stack app with React and Node/Express that views all recipes, filters recipes by ingredients, and search for a recipe by name.

EVENT-TRACKER Edmonton, Alberta
<https://github.com/Amna-A/Event-Tracker-React> 27 Jul 2021
A full-stack app using **React JS** and **json** server as a backend to track events and set reminders.

ATAXX-AB Edmonton, Alberta
<https://github.com/Amna-A/AB-Ataxx> winter 2021
Created a two-player console game (ATAXX) in C++ with options for an automated player (AI) using Alpha-beta pruning search algorithm.

SEARCH-TREES Edmonton, Alberta
<https://github.com/ECE520-Project/trees> Fall 2020

- Collaborated with a team of two developers to create a fast and robust public **Rust** crate that contains utilities for binary search tree, red-black tree, and AVL tree. This crate has over 180 downloads on crates.io

INFO-KEEPER Edmonton, Alberta
<https://github.com/Amna-A/Info-Keeper> summer 2020
Created a **GUI** in **python** to add, maintain, and edit student data using TKinter and SQL (full stack development)

Professional Experience

Steam Dry Canada

Sales Associate

Edmonton, Alberta
Feb 2020 - Mar 2020

- Assisted an average of 50 customers per day in finding and selecting services that suited their specific needs which have resulted in a total of 30% increase in sales.
- Achieved one of the highest lead generation rates in the region within one month.

Golden Square Technology

Sales & Marketing Engineer - Business Development

Khartoum, Sudan
Nov 2018 - May 2019

- Improved the company's reputation and increased reach by leading the team representing the company and its international partners in local fairs, and was chosen as the official spokesperson.
- Established and maintained relationships with customers through regular meetings and calls.
- Managed and updated the company's website and social media pages.
- Cooperated with other team members to provide pre-service technical assistance and product education as well as offering technical after service support.

Sudan University of Science & Technology

Teaching Assistant - College of Engineering

Khartoum, Sudan
Dec 2017 - Nov 2018

Teaching Laboratory courses including course curriculum preparation of:

- Computer Networks (Linux basics, Ubuntu)
- Microcontroller (BASC0M, ATmega series, Proteus Professional)
- Digital Image Processing (MATLAB)
- Microprocessor systems and Assembly language basics.

Volunteer Work

University of Alberta

Student Volunteer

Edmonton, Alberta
Jan 2020 - Aug 2020

- General Volunteer (Students' Union)
- Class Mentor (USchool)
- Image Captioning and analyzing (AirConLab)
- Festival of Undergraduate Research and Creative Activities Research Judge (Students' Union)

Fresh Routes

Warehouse Volunteer

Edmonton, Alberta
Aug 2020 - Nov 2020

- Assembled Emergency Food

Sudan University of Science & Technology

Student Advisor

Khartoum, Sudan
Aug 2018

- Directed the process of project's presentation while helping and advising students which lead to multiple students obtaining sponsorships.

Spoken Languages

Arabic (Native) - English (IELTS 7) - Korean (Fluent) - Japanese (Conversation) - Spanish (Beginner)