

MAHDI KHANDAKER

mahdikhandaker.me — mkkhanda@uwaterloo.ca — in/MahdiKhandaker — github.com/mahdikabir

SUMMARY

- Language: C, C#, C++, ASP.NET Core, R, SQL, HTML, CSS, JavaScript, Python, Scheme.
- Tools: MS SQL Server, Flask, Chart.js, GIT, JIRA, Flowmapp, Balsamiq, MS Office
- Interested in UI/UX, Mobile development, Data Science, Network Security, DevOps,

EXPERIENCE

JANA Solutions

Aurora, ON

Jr. Software Developer

Jan – April '19

- Developed enterprise level MVC Web App from scratch using ASP.NET Core and MS SQL Server.
- Built intuitive user interfaces with responsive component as per client specifications.
- Mapped database schema, defined database hierarchy and implemented it using MS SQL Server.
- Designed and created site-maps using Flowmapp and wire-frames using Balsamiq
- Performed stress testing using Apache JMeter, investigated and fixed several critical bugs.

Canadian Food Inspection Agency

Ottawa, ON

Junior Analyst (Enterprise Architecture)

May – August '18

- Automated the process to add 520 entities and 13,000 attributes to QualiWare Lifecycle Manager.
- Designed models with supporting documentation of Agency data and technology environments.
- Engaged with key stakeholders to analyze and develop the Architecture Repository Tool
- Performed analysis and assessment of agency data resources and database application system.

Nerd Community

Dhaka, Bangladesh

Web Development Intern

June – August '17

- Successfully uploaded educational resources onto the website using WordPress and FileZilla
- Built webpages using WordPress for different subjects/topics
- Created forms on the website for registrations and recruiting purposes

PROJECTS

UltraInstinct

<https://git.io/UlIn>

- Utilized IBM's NLP API to perform sentiment analysis on automated scraped tweets using Flask
- Developed algorithm to generate an overall score for a user from individual sentiment scores

Sudoku Solver

- Implemented a backtracking algorithm to provide solutions to Sudoku puzzles using C.

EDUCATION

University of Waterloo

Sept '17 – Apr '22 (*expected*)

Honours Bachelor of Computer Science Honours

- President's Scholarship of Distinction (2017)

Relevant Coursework

- Designing Functional Programs, Algorithm Design and Data Abstraction, Object-Oriented Software Development, Logic and Computation.

ACTIVITIES

- UW Residence Council (2017-2018) : Planned, Promoted and Organized residence events.