

# MAHDI KHANDAKER

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## SUMMARY

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- C, HTML, Scheme, JavaScript, QualiWare Lifecycle Manager, Microsoft Dynamics CRM
- Interested in backend development, systems design, Artificial Intelligence, Data Science/Analyst, Network / Internet Security

## EXPERIENCE

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### 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 reducing the ETA of project by 30 days.
- Contributed to the development of an Architecture Repository covering the Business, Information domains of Enterprise Architecture.
- Designed models with supporting documentation of Agency business processes, data and technology environments (e.g., business process models, entity-relationship (ER) models, data flow diagrams and technical architecture diagrams)
- Performed analysis and assessment of Agency data resources and database application systems (including Oracle and Microsoft database products).
- Engaged with key stakeholders to analyze and document the enterprise.

### 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

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### UltraInstinct

<https://github.com/MahdiKabir/UltraInstinct>

- Designed an API-based Twitter user analysis program in Flask
- Implemented automated text mining through Twitter's tweet extraction API
- Utilized IBM's Natural Language Processing API to perform tweet sentiment analysis
- Developed algorithm to generate an overall score for a user from individual sentiment scores

## EDUCATION

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### 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 (CS 135), Algorithm Design and Data Abstraction (CS 136)

## ACTIVITIES

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- StarterHacks (2018), UW Residence Council (2017-2018)