

# Ahmed S Ali

(647) 564-5656

Machine Learning Engineer and Cloud Developer

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Goal oriented Machine Learning Engineer with creative solutions and lateral thinking. Experienced in developing full-stack applications using modern tools and processes. Skilled in implementing Machine Learning algorithms to drive business value.

## Experience

### Sharpest Minds

#### Fellowship – Full Stack Machine Learning Application

**Technology:** Python, React, AWS, Flask, Spacy, NLTK, DynamoDB

**Intelligent Applicant** - Designed a new experience for Job-seekers!

- Manipulated unstructured textual data from job boards to build an intelligent and interactive application for applicants to help applicants get job-ready
- Developed a Natural Language Processing (NLP) model to extract key information like required Skills & Experience from job descriptions.
- Deployed the application and expanded the pipeline using AWS to increase efficiency and automation.
- MLOps to employ Continuous Improvement / retraining clustering algorithm
- Used clustering algorithms to understand the overlap of skills within and across domains

### Hong Kong University of Science and Technology

#### Specialization – Full Stack Web Development with Angular

**Technology:** Angular, Node.js, npm, Bootstrap, ExpressServer, Postman

- Built unique webpages with client-side JavaScript frameworks and the Angular framework to implement a functional front-end web application using Angular.
- Created single page applications in Angular using various features including directives, components, and services.
- Used Angular Material, Angular Flex-Layout, Observables and RxJS for designing responsive Angular applications.
- Made use of server-side concepts, such as CRUD and REST using NoSQL database in MongoDB and communication over JSON and XML.
- Configured backend servers using NodeJS framework Express.js.
- Built a RESTful API for the front-end to access backend services and setup Local & OAuth authentication, and HTTPS security.

## IBM

### Professional Certificate - Data Scientist

- Made RESTful API calls to the Foursquare API to retrieve data about venues in different neighborhoods around the world.
- Creatively addressed situations where data was not readily available by scraping web data and parsing HTML code.
- Utilized Python and its pandas library to manipulate data to refine skills for exploring and analyzing data.
- Used the Folium library to generate maps of geospatial data and to visually communicate results and findings.

## EDUCATION

**Carleton University, Ottawa** — *Bachelor of Electrical Engineering* - 2013 - 2017

## EXPERIENCE

**Nordik, Toronto** — *Project Coordinator* JULY 2021 - PRESENT

- Worked on a team of two project coordinators in a construction/renovation firm.
- Prepared spreadsheets, reports, presentations, and documentation for cross-functional teams
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**RBC, Toronto** — *Advisor, Banking* NOV 2020 – JUN 2021

- Provided client-focused sales expertise and natural problem-solving skills to maximize value in each client interaction.
- Helped clients with their banking, credit, and investment needs.

**RBC, Toronto** — *Advisor, Travel* MAR 2020 - OCT 2020

- Developed problem-solving and people skills, the ability to build strong relationships, and proactively connect with clients.
- Demonstrated flexibility, eagerness to learn, strong personal ethics.

**RBW Payments, Dubai** — *Account Manager* JAN 2018 - JAN 2020

- Managed the inclusion of a 'Loyalty Rewards Program' to improve customer experience, while also offering partners more consumer data insight and increasing partner revenue by over 15%.
- Developed customer relationships with more than 100 local businesses across all industries in 2 years.