

Ahmed Abbas

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Work experience

📅 09/2021 – 12/2021 📍 MONTREAL, CANADA

Software Engineering Intern Stratuscent Inc

📅 06/2021 – 08/2021 📍 EDMONTON, CANADA

Data Engineering Intern UnTribe

- Utilized unTribe's pre-release Cloud-Native Data Integration (CNDI) software to implement and perform data integration work to support marketing efforts.
- Report on software issues for documentation improvements; this includes working with the: software development, design, execution of analysis and testing teams on making new feature requests, logging bugs, and improving documentation.
- Mainly worked with Data retrieval & manipulation, data integration tooling, data modeling, and cloud infrastructure.

📅 02/2021 – 09/2021 📍 CALGARY, CANADA

Lead Code Sensei Code Ninjas

- Assisted Ninjas aged 7-14 develop games using block-based (Scratch, Make Code) and high-level languages (Python, Java, JavaScript, Lua & C#), as well as 3D modeling/printing, Arduinos, etc.
- Worked with other sensei's to develop various software to assist with the learning.

📅 10/2020 – 12/2020 📍 CALGARY, CANADA

Software Researcher Neuro Nexus

- Alongside AltaML & Path Therapeutics, I worked towards: developing and enhancing a ML model to be used in the detection of low, medium, and high level seizures.
- A GUI was constructed for this product to be readily available within the neuroscience/mental health fields.

Work experience

📅 09/2020 – 02/2021 📍 CALGARY, CANADA

Junior Instructor Canada Learning Code

- Constructed, evaluated, revised and delivered lesson plans that enhanced student's understanding within many Full Stack sectors.
- Optimized a wide range of instructional approaches and innovative classroom activities to best help students based off their learning capabilities.

Skills

Languages: Python, TypeScript, JavaScript, Java, C/C++, SQL, HTML5/CSS3.

Libraries, Tools and Frameworks: Django, Express, React, Node, Docker, Kubernetes, MongoDB, SQLite, Azure, Git, Pandas, TensorFlow.

Education

📅 09/2019 – 04/2024 📍 CALGARY, CANADA

Software Engineering | Bachelor University of Calgary

GPA: 3.8/4

📅 09/2019 – 04/2024 📍 CALGARY, CANADA

Business - General | Bachelor University of Calgary

GPA: 3.5/4

📅 09/2016 – 06/2019 📍 CALGARY, CANADA

Western Canada High School

Senior year cumulative: 96%

Highlighted Projects

📅 2021

Blog Microservices App

Utilized React, NodeJS (Express), Docker, Kbernetes (Skaffold), HTML/CSS.

- **View:** <https://github.com/ahmeda110/Blog-Microservices-App>

📅 2021

AI-Gym-Trainer

Utilized Python, OpenCV, Mediapipe, Numpy

- **View:** <https://github.com/ahmeda110/AI-Gym-Trainer>

📅 2021

CRM App

Utilized Python, Django, SQLite3, HTML, CSS, Bootstrap.

- **View:** <https://github.com/ahmeda110/CRM-APP>

📅 2021

Calculator App

Utilized Java, JavaScript, JQuery, HTML, CSS.

- **View:** <https://github.com/ahmeda110/Calculator-Grey>

📅 2021

Fitness App

Utilized JavaScript, Leaflet HTML, CSS

- **View:** <https://github.com/ahmeda110/Fitness-App>

📅 2021

Security Camera App

Utilized Python, OpenCV, Pandas, Bokeh.

- **View:** <https://github.com/ahmeda110/Motion-Detection-Security-App>

📅 2021

Machine Learning

Utilized Python, R

- **View:** <https://github.com/ahmeda110/Machine-Learning>

Flight Management App

Utilized C++

- **View:** <https://github.com/ahmeda110/Flight-Application>

📅 2021

Supply Chain Management App

Utilized Java, JUnit, NetBeans

Highlighted Projects

- **View:** <https://github.com/ahmeda110/Supply-Chain-Management-Application>

📅 2021

English Dictionary

Utilized Python, SQL, JSON, GCM

- **View:** <https://github.com/ahmeda110/English-Dictionary>

[And many more awesome projects on my Github \(18+ projects\)](#)

Volunteering

📅 09/2020 – PRESENT 📍 CALGARY, CANADA

Software Team Lead

Autonomous Electric Motorsport

📅 09/2020 – PRESENT 📍 CALGARY, CANADA

Memeber

Calgary's Google Cloud Developers

📅 09/2020 – PRESENT 📍 CALGARY, CANADA

Mentor

Schulich School of Engineering

📅 09/2020 – 01/2021 📍 CALGARY, CANADA

Tutor

My Tutor Calgary