

MUHAMMAD HAMZA

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EDUCATION

University of Alberta

*Bachelor of Science in Computing Science; Minor in Mathematics
International Student Scholarship*

Edmonton, CA

Sept 2021 – April 2025 (Expected)

SKILLS

Languages: Python, HTML, CSS, C, JavaScript

Technologies, Frameworks and Others: Visual Studio Code, MS Excel, MS Word, MS PowerPoint, Jupyter Notebook, Git, Scrum, Kanban, Github, BitBucket, PowerBI

EXPERIENCE

Thai Express - Crew Member

Sept 2022 - Present

- Provided service to customers and ensured highest quality of food and service delivered
- Prepped food on a daily basis

Risk Analyst Intern - Al Ghurair Energy

May 2022 - Aug 2022

- Creating VAR Sheets using Excel in order to have VAR be implemented the first time.
- Worked on day to day multiple reports which include Exposure, Profit n Loss (PnL) etc.
- Assisting with day to day tasks assigned by the Risk Department.
- Handling Trade Books: Petrochemicals, Gasoil, Dry Commodities, Bunkering and Derivatives.

PROJECTS

Weather Application:

- Built an application using API from openweathermap.org that provides real time feed about the weather which includes wind speed, humidity and weather description.
- **Tech Stack:** HTML, CSS, JavaScript.

Tesla Clone:

- Built an application which cloned the entire front page of Tesla using HTML, CSS, JavaScript.
- Background Images were directly used from the original website.
- **Tech Stack:** HTML, CSS, JavaScript.

Data Science Assignments (CMPUT 191)

- One assignment was to test whether rise in COVID Cases had an impact on the market of Bitcoin. Searched real datasets to find the Real time COVID Cases Dataset along with Bitcoin.
- Final assignment included exploring datasets on my own on the internet and work using them. In the last few weeks, had an intro to R (programming language) where we learned different types of distribution.
- **Tech Stack:** Python, Jupyter Notebook, R
- **Modules:** Data Science, Numpy, Matplotlib

RELEVANT COURSE CERTIFICATES

Python 3 Bootcamp: Complete Zero to Hero UDEMY

- Learn advanced skills in Python using this Bootcamp which lasted close to 2 weeks
- Implemented my knowledge by making Ping Pong and Memory in CMPUT 174 and Wordle in CMPUT 175

Learn SQL Programming

- An Introductory course to SQL Programming which allowed me to gain a deeper understanding on the SQL syntax and the key concepts that were needed to pursue a better understanding
- Learned fundamental concepts like JOIN, data types and queries are written for desired results

ADDITIONAL

Awards : A Level Topper, Computer Science Topper, World Scholars Cup (3 Medals), International Math Olympiad (9th Rank), International English Olympiad (Top 100), International Artificial Intelligence Olympiad (Top 150), International Cyber Security Olympiad (Top 150). Dream Team Award (Risk Analyst)

Hobbies and Involvements: Cricket , Weight Lifting and Reading.

Volunteering: UOFA MSA Society, Oxford Reading Program, Ramadan Charity Driveway, MUN Volunteer

Activities: 7th Place in Coding Competition at University of Alberta.