

MUHAMMAD HAMZA

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EDUCATION

University of Alberta

Bachelor of Computer Science

International Student Scholarship

Courses: File & Database Management, Data Structures & Algorithms, Formal Systems & Logic

Edmonton, CA

Sept 2021 – April 2025 (Expected)

SKILLS

Languages: Python, HTML, CSS, C, JavaScript, SQL

Tech/Frameworks: MS Excel, MS Word, MS PowerPoint, Git, Github, PowerBI, React, Tailwind CSS.

EXPERIENCE

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.
- Demonstrated expertise in preparing daily reports, including (PnL) analysis, improved **20%** efficiency
- Provided support to the Risk Department by executing assigned daily tasks with efficiency.
- Skilled in managing trade books, including Petrochemicals, Gasoil, Dry Commodities, Bunkering Derivatives.

PROJECTS

Weather Application: <https://muhammadhamza14210.github.io/Weather-Application/>

- Developed a real-time weather application utilizing API from openweathermap.org, providing accurate data on wind speed, humidity, and weather description.
- Implemented a functionality to change background every time new weather info is loaded
- **Tech Stack: HTML, CSS, JavaScript.**

Tesla Website Clone: <https://muhammadhamza14210.github.io/Tesla-Clone/>

- Created a replica of Tesla's front page using HTML, CSS, and JavaScript, resulting in an accurate and functional application.
- Utilized original background images directly from the Tesla website for added authenticity.
- **Tech Stack: HTML, CSS, JavaScript.**

Meta Messenger 2.0:

- Expertise in full-stack development utilizing Facebook Authentication and Next-Auth.
- Implemented Upstash and Redis for effective storage of messages on the backend.
- Designed and built a fully responsive application, including sign in and messaging features.
- **Tech Stack: TypeScript, React.js, Next.js, HTML, CSS, Tailwind CSS**

ChatGPT AI Application: <https://chat-gpt-ai-muhammad-hamza.vercel.app>

- Proficient in utilizing Open AI to make API requests for application development by creating a ChatGPT AI interface called Codex
- Demonstrated skills in using Vanilla Javascript for both front-end and backend development, with a focus on creating simple and user-friendly interfaces
- **Tech Stack: Vite, Node.js, JavaScript, HTML, CSS**

Portfolio Website: <https://muhammadhamza14210.vercel.app>

- Developed a dynamic portfolio website using React, incorporating Getform for seamless form message redirects.
- Ensured full responsiveness across all sections of the portfolio, optimizing for mobile, tablet, and laptop
- **Tech Stack: JavaScript, React.js, HTML, CSS, Tailwind CSS**

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).

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

Activities: 7th Place in Coding Competition at University of Alberta (Division II) out of 50 groups.