

# Syed Ayman Quadri

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## EDUCATION

### University of Alberta

*Bachelor of Science in Computer Science with Specialization*

Edmonton, AB

2027

## EXPERIENCE

### Software Developer (AI/ML)

*DataAnnotation.tech*

March 2024 – Present

*Remote, Canada*

- **Trained over 5 ML models** (chatbots), achieving an accuracy rate of about **95%** in code responses.
- **Tested chatbot code responses** and **developed custom code** to identify and resolve an average of **10 bugs** per model response, and **submitting corrected code** and feedback for implementation.
- **Improved model performance by at least 25%**, enabling chatbots to provide accurate code responses to users and **enhancing overall user experience**.

### Academic Tutor (CS)

*Ada's Team*

February 2024 – Present

*Edmonton, AB*

- **Tutored 3 engineering students** in a CS course, resulting in all students achieving a **GPA of 3.4** or higher.
- **Developed customized learning plans**, focusing on areas of improvement, resulting in a **25% average increase** in assignment scores.
- **Delivered 50+ hours** of individualized support, empowering students to succeed with a **100% pass rate**.

## PROJECTS

### Instagram-AI-News-Posts-Generator | *Python, Llama3, Stable Diffusion, Ollama, NewsAPI*

May 2024

- **Designed and developed** an Instagram AI news post generator that utilizes **natural language processing** and **image generation** to create engaging news posts
- Built a system that **fetches news headlines**, sorts them based on significance, and **creates images and text** to generate a complete Instagram post
- **Successfully created** and saved Instagram posts by **fusing images and text**, demonstrating proficiency in AI, Python, and **image processing technologies** using Pillow library

### Ecommerce Admin Dashboard | *JavaScript, React, ContextAPI, HTML, TailwindCSS*

June 2024

- Built a **mobile-responsive** ecommerce website, featuring themes with **dark/light mode** and various **color schemes**
- Implemented **interactive charts and graphs**, including bar and pie charts, and developed pages for a **calendar and Kanban** board

### ML Spam Email Filtering | *Python, Scikit-Learn, NLTK, NumPy, Pandas*

June 2024

- Developed an ML model for spam email filtering using Scikit-Learn and **RandomForestClassifier**, achieving high accuracy in detecting spam emails
- **Designed and implemented** data preprocessing and feature extraction techniques, including **text normalization, tokenization, and vectorization**

## HACKATHON

### NatHacks 2023

*NeurAlbertaTech*

November 2023

*Edmonton, AB*

- Developed a proactive project that utilizes **ML algorithms** and **EEG data** to analyze and support online learners' mental well-being

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, SQL, HTML/CSS,

**Frameworks:** Vite + React, Flask, Django, FastAPI, Material-UI, FastAPI, TailwindCSS, Bootstrap

**Developer Tools:** Git/Github, Visual Studio Code, Amazon Web Services, React-Redux, ReactContextAPI

**Libraries:** Pandas, NumPy, Matplotlib, Scikit-Learn, Tensorflow