

Mustafa Tamer

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Education

Sheridan College

Expected May 2027

Bachelor of Science in Computer Science

Oakville, ON

- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Intro to CS II (C++), Linear Algebra w/Computational Applications (Python)

Experience

Moore's Clothing

Aug 2023 – Present

Team Lead

Oakville, ON

- **Led a team of 8–10 associates**, delegating tasks and optimizing scheduling to ensure peak productivity, improving daily workflow efficiency by **20%..**
- **Trained and mentored 5+ new hires**, creating step-by-step onboarding guides and standardizing procedures
- **Analyzed sales data and KPIs**, identifying patterns and implementing adjustments that boosted weekly revenue by **10–12%**, applying problem-solving and data-driven decision-making.

Projects

FaceTrace | *React.js, TypeScript, Python, FastAPI, Firebase*

- Developed a cross-platform web and mobile application enabling users to upload a photo and search for matching public images/videos online, with contextual insights for safety and privacy monitoring.
- Implemented a face recognition and similarity search pipeline using Python, FastAPI, and Faiss, capable of processing 10k+ images per minute with high precision.
- Integrated Firebase Authentication, Firestore, and Storage to ensure secure user management, real-time data syncing, and privacy-focused controls.

YouTube Swear Word Cleaner | *Django, REST API, YouTube Data API, NLP*

- Engineered and deployed a Django-based web application that automatically detects and censors profanity in YouTube videos, improving accessibility and enabling family-friendly content consumption.
- Integrated YouTube Data API and custom NLP-based filtering pipeline to process video captions and audio transcripts in real time.
- Designed a scalable REST API that serves filtered videos to end-users, supporting 100+ active users during initial launch and reducing flagged profanity by 95%.

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, Swift, C++, C

Technologies: Django, SpringBoot, React.js, ASP.NET

Developer Tools: Git, GitHub, ChatGPT, Cursor, Windsurf, Claude