

Abdul Moeez Shaikh

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EDUCATION

McMASTER UNIVERSITY

Hamilton, ON

Bachelor of Applied Science in Computer Science — GPA: 4.0/4.0

Expected Graduation: April 2028

WORK EXPERIENCE

Career Education Council

Mississauga, ON

iOS App Developer

July 2023 – Aug 2023

- Developed GoPic from initial concept to prototype, creating a wireframe and frontend interface in Swift.
- Collaborated with a team to brainstorm app features and structure, contributing to a clear project roadmap.
- Delivered a successful pitch to industry mentors, receiving positive feedback on design and functionality.
- Designed a responsive user interface, ensuring intuitive navigation and enhancing user experience.

PROJECTS

Commence: Automated Course Manager | *Python, Flask, PyPDF, HTML, CSS*

Jan 2025

- Built a Flask web app that extracts key dates and grading weightings from course syllabi (PDFs) using PyPDF and the Gemini API.
- Implemented structured JSON storage for course data, enabling seamless organization and retrieval.
- Developed .ics file generation for calendar integration with Google and Apple Calendar.
- Designed a responsive HTML/CSS frontend for intuitive course management.

VocabBuddy | *TypeScript, IndexedDB, HTML, CSS, JavaScript*

Jan 2025

- Developed a Chrome extension enabling users to highlight text on webpages and view persistent translations in English.
- Uses IndexedDB API to store personalized vocabulary dictionaries locally for offline access.
- Has a custom DOM Tree structure to track and save user highlights across page visits.
- Created an interactive UI for managing dictionaries and testing language proficiency dynamically.

CareSync: Patient Recording System | *Java, JavaFX*

Dec 2023

- Built CareSync in Java with JavaFX for efficient patient record management, featuring intuitive screens for adding, viewing, and removing patients.
- Implemented gender-specific prompts for accurate data collection, enhancing record precision.
- Automated file creation and organization by patient gender and details, supporting streamlined data handling.

MedTrack | *Python, Tkinter*

July 2023

- Designed and built MedTrack, a Python-based medication management app, for a health-focused hackathon to streamline medication tracking and adherence.
- Leveraged Tkinter to develop an intuitive, calendar-style GUI, enabling users to schedule medications with ease by selecting specific days and times (morning, afternoon, evening).
- Engineered functionality for adding and removing medications, simplifying management.

GoPic | *Swift, Xcode*

July 2023

- GoPic lets users share travel photos, book Uber rides and flights, explore nearby places, and follow others, all in one app.
- Built the frontend of GoPic in Swift and Xcode, enabling users to log in and access a fully interactive interface with seamless navigation
- Designed features for posting travel photos, exploring nearby locations, and displaying social media-style feeds for users to follow others.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Python, Java, C++, Swift

Frameworks: Tkinter, FXML, React.js, TailwindCSS

Developer Tools: Git, GitHub, Xcode, Netlify, VS Code, Eclipse

Certifications & Training: CPR and First Aid Certified, Cisco IT Essentials Certified, Git and GitHub Certified

General Skills: Creative Thinking, Adaptability, Collaboration, Communication, Time Management