

Anas Mohammad

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github.com/Groovyfalafel | Groovyfalafel.github.io/Portfolio/

Education

University of Windsor, Windsor, ON 2023 – Present
Bachelor of Science in Computer Science with Honors, Minor in Mathematics
Kennedy Collegiate Institute, Windsor, ON 2021 – 2023
High School Diploma

Experience

Teaching Assistant 2024 – Present
University of Windsor, Windsor, ON

- Assisted students with coursework and understanding complex concepts.
- Reviewed assignments and provided constructive feedback.
- Maintained organized records of student grades and performance.

Internship – Object Detection and Pathology Imaging 2024 – Present
Glendor Inc., Remote

- Built a Python-based framework for processing Whole Slide Images in DICOM and SVS formats.
- Developed tools to convert, redact, and extract regions from multi-resolution pathology images using OpenSlide and PyDICOM.
- Collaborated with a remote team to streamline image preprocessing workflows and improve data organization for analysis.

Research Experience

Research Assistant 2024 – Present
University of Windsor, Windsor, ON

- Conducted experiments with AI models, organized data, and performed detailed analyses.
- Optimized model configurations and identified best-performing settings to improve efficiency.

Projects

Kyoryu – Study Companion Web App
HTML, CSS, JavaScript, LocalStorage

- Built a team-based study tool with a Pomodoro timer, flashcards, to-do list, and white noise player.
- Led front-end logic and local data persistence using JavaScript and localStorage.

DICOM/SVG WSI Reader Project
Python, Open-source Libraries

- Developed a WSI reader pipeline with label/text extraction features using Python libraries.
- Worked collaboratively to refine image handling and streamline processing workflows.

Technical Skills

Languages: Python, Java, C/C++, HTML, CSS, JavaScript, SQL

Frameworks: React, Node.js

Developer Tools: Git, Docker, VS Code, PyCharm