



FACULTY MENTOR

Pamela Cosman

PROJECT TITLE

Disease Detection and Analysis in Dental Images with Integrated Image Compression Techniques

PROJECT DESCRIPTION

This project focuses on developing an intelligent system for automatic disease detection and analysis in dental images. In addition to building a robust diagnostic model, the project will evaluate and integrate image and video compression methods to ensure efficient storage and deployment.

This project will be hybrid.

PREREQUISITES

The student should be proficient in Python, PyTorch, CNNs, and Transformers.