

home about projects

# Hello, I'm PRATYUSH PANDA



A web developer exploring the realms of AI, fueled by newfound passion and curiosity.

I think outside the box and face challenges with enthusiasm and determination.

 LinkedIn

 Github

## About me

I'm a proactive Master's student at the University of New South Wales, specializing in Artificial Intelligence. With a robust computer science background, I excel in crafting solutions at the nexus of technology and real-world challenges. My expertise spans web development, AI, and data science. Currently serving as Co-Vice President of the F1 Society at UNSW, I am a committed and results-oriented individual, blending academic rigor with hands-on project experience.

Technical Skills



Soft Skills

### Frontend

Creating web pages using  
HTML, CSS and React

### Backend

Adept at architecting  
RESTful APIs

### Web Applications

Creating dynamic and  
intuitive web experiences

### Machine Learning

Data preprocessing,  
feature engineering, and  
model evaluation

### AI

Building intelligent  
systems with NLP, CV and  
ML algorithms

### Database Systems

Designing and managing  
robust and scalable  
database architectures

home about projects

## My Projects

An in-depth study comparing static and dynamic embeddings in dialogue summarization was conducted using the Seq2Seq, BART, and T5 models. Achieved significant enhancements, fine-tuning BART for a notable ROUGE-1 score increase from 0.2866 to 0.4215, surpassing a custom Seq2Seq model. Identified critical strengths and weaknesses in NLP models, emphasising the difficult balance between computational resources and the precision of context-aware embeddings required for coherent and accurate summaries

Image classification of  
ELPV datasets

My Portfolio Website

Distributed City  
Surveillance System