UCD School of Computer Science   **Scoil na Ríomheolaíochta UCD**

University College Dublin,   An Coláiste Ollscoile, Baile Átha Cliath,
Belfield, Dublin 4, Ireland   Belfield, Baile Átha Cliath 4, Eire

T +353 1 716 2483   cs.secretary@ucd.ie
F +353 1 269 7262   www.ucd.ie/cs

7th July 2025

To: The Whom it May Concern

Subject: Recommendation Letter for Devesh Kumar Gola

I am pleased to write this letter of recommendation for Devesh Kumar Gola, who successfully completed a three-month research internship under my supervision at University College Dublin, as part of the *CarbonPrompt – Sustainable Prompt Engineering for LLM-Based Software Requirement Classification* project.

Throughout the internship, Devesh focused on evaluating various prompt engineering strategies to enhance the performance of large language models (LLMs) for software requirements classification. His work involved methodical experimentation with different LLMs, careful assessment of classification accuracy, and an insightful analysis of energy consumption metrics to explore the sustainability of the techniques employed.

Devesh approached his tasks with professionalism and a strong sense of structure. He adhered closely to timelines, managed his workload effectively, and delivered consistent and well-documented results. His analytical capabilities, technical knowledge, and ability to communicate findings clearly were evident throughout the internship.

The outcomes of his work were of high quality and contributed meaningfully to our research in sustainable AI and software engineering. Devesh proved to be a reliable and self-motivated researcher, and I am confident he will bring the same level of dedication and rigor to his future endeavors.

I highly recommend Devesh for any academic or professional opportunity he chooses to pursue.

Sincerely,

Prof. Alessio Ferrari
University College Dublin
School of Computer Science
alessio.ferrari@ucd.ie | +393406230391