[Scholar Profile]

李定成

　　李定成，計算語言學博士，畢業於明尼蘇達大學，博士研究聚焦於基於概率圖模型的實體關係檢測。現任職穀歌 Vertex AI/Gemini 及 Google Cloud AI 主任機器學習工程師及技術主管，主導 Vertex AI/Gemini 後訓練可信人工智能（RAI）方向的研究，旨在提升 Gemini 模型的品質與安全性。李博士曾擔任 Coupang 高級首席機器學習與排序工程師、百度認知計算實驗室首席研究科學家、亞馬遜 Alexa AI 團隊 BERT/Roberta 研發領頭人以及 IBM 沃森與梅奧診所科研負責人。

　　李博士研究領域廣泛，涵蓋強化學習、生成式人工智能、大規模分散式運算、多模態檢索與排序以及安全對齊技術等，在 ACL、EMNLP、NAACL、SIGIR、WWW、AAAI、UAI 等頂級人工智能與自然語言處理會議上發表了 100 餘篇同行評審論文，並擁有多項強化學習及資訊關係生成領域的國際專利。同時，他長期擔任這些頂級會議的審稿人和程式委員會委員，積極推動學術評審與該領域前沿研究發展。李博士曾獲美國國立衛生研究院 NIH K99 職業獎，長期指導科研實習生，深耕對抗性強化學習、終身生成式學習等前沿課題，致力於融通基礎研究與工業級成果應用。

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INTRODUCTION:

　　Dingcheng Li earned his PhD in Computational Linguistics from the University of Minnesota, with dissertation research focusing on probabilistic graphical model-based entity relationship detection. Currently serving as Principal Machine Learning Engineer and Technical Director at Google Vertex AI/Gemini and Google Cloud AI, he leads post-training research in Responsible Artificial Intelligence (RAI) to enhance the quality and safety of the Gemini model family. Prior to that, Dr. Li served as distinguished roles like Senior Principal Machine Learning & Ranking Engineer at Coupang, Chief Research Scientist of Baidu Cognitive Computation Lab, R&D Lead for BERT/Roberta in Amazon's Alexa AI division, and Research Director for collaborative projects between IBM Watson and Mayo Clinic.

　　Dr. Li primarily focuses on the reinforcement learning, generative artificial intelligence, large-scale decentralized computing, multimodal retrieval/ranking systems, and safe alignment methodologies. He has authored over 100 peer-reviewed papers in top AI and NLP conferences, including ACL, EMNLP, NAACL, SIGIR, WWW, AAAI, UAI, etc., and holds multiple international patents on reinforcement learning and information relation generation. As an active contributor to the academic community, Dr. Li has served as a reviewer and program committee member for these leading conferences, promoting rigorous peer review and advanced development of frontier research. A recipient of the NIH K99 Career Award from the National Institutes of Health, he has consistently mentored research interns and pursued pioneering work in areas such as adversarial reinforcement learning and lifelong generative learning, hopefully facilitating fundamental AI research into industrial applications.