Arvind Neelakantan

Career Highlights

Co-author of [GPT-3](), [GPT-4]() and [Gemini 2.5]() generative AI models

Co-founder and [Research Lead]() of [OpenAI embeddings]() ([v1](), [v2](), [v3]())

[NeurIPS Best Paper Award, 2020]()

[Google PhD Fellow, 2016]()

Automated Knowledge Base Construction Best Paper Award, 2014

Public Profiles

[Publications]() (over 90K citations)

[Patents]()

[X]()

[Personal Webpage]()

Work Experience

Research Scientist, Google DeepMind,   Mar 2025 - present
Working on improving [Gemini]() tool use with reinforcement learning

Research Scientist, Meta GenAI,   Sep 2024 - Mar 2025
Worked on Meta's reasoning models

Member of Technical Staff, OpenAI,   Feb 2020 - June 2024
Co-author of [GPT-3]() and [GPT-4]()
Co-founder and Research Lead of [OpenAI embeddings]()
Managed [embeddings](), [retrieval](), [fine-tuning]() and [inference research]() teams

Research Scientist, Google Brain,   Nov 2017 - Jan 2020
[Neural Assistant: Chatbot reasoning on knowledge bases, generating text and API calls]()
[Taskmaster-1: Toward a Realistic and Diverse Dialog Dataset]()

Education

University of Massachusetts, Amherst   Aug 2013 - Aug 2017
Ph.D. in Computer Science
[Knowledge Representation and Reasoning with Deep Neural Networks]()

Columbia University   Aug 2011 - Aug 2013
M.S. in Computer Science

National Institute of Technology, Trichy   Aug 2007 - Aug 2011
B.Tech in Computer Science