

Arvind Neelakantan

Career Highlights

Co-author of [Gemini 2.5](#), [GPT-4](#) and [GPT-3](#) 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 100K 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