

# 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