

Research



Solve intelligence. Use it to make the world a better place.

DeepMind is the world leader in artificial intelligence research and its application for positive impact. We're on a scientific mission to push the boundaries of AI, developing programs that can learn to solve any complex problem without needing to be taught how. If we're successful, we believe this will be one of the most important and widely beneficial scientific advances ever made, increasing our capacity to understand the mysteries of the universe and to tackle some of our most pressing real-world challenges.

Research Scientists

Research Scientists at DeepMind drive our efforts in developing novel algorithmic architecture towards the end goal of solving and building Artificial General Intelligence (AGI). Drawing on expertise from a diverse set of disciplines, our Research Scientists are at the forefront of groundbreaking research across a wide range of topics. Having pioneered research in the world's leading academic and industrial labs in PhDs, post-docs or professorships, Research Scientists join DeepMind to work collaboratively within and across Research fields. They develop solutions to fundamental questions in machine learning, computational neuroscience and AI, partnering with Research Engineers to build out and scale models towards both AGI and real world impact.



VP OF RESEARCH

Koray Kavukcuoglu

"DeepMind is on a long-term mission to solve intelligence. We combine the ambitious and interdisciplinary nature of scientific thinking with the energy and focus of a technology start-up to create an inspiring environment where pioneering research and engineering can flourish."



HEAD OF RESEARCH ENGINEERING

Andreas Fildjeland

"Research Engineering is a broad role, with responsibilities ranging from the formulation of novel AI theory to the development of large software infrastructure. This involves close collaboration with Research Scientists and Software Engineers across DeepMind's diverse and stimulating projects."

Research Engineers

Research Engineers complement strong engineering expertise with mathematical or research skills, and advance DeepMind's mission by collaborating on projects with Research Scientists and Software Engineers. A Research Engineer may develop prototypes, scale algorithms, build tools and perform and analyse experiments, whilst empowering others to do this more effectively by sharing knowledge, mentoring and building more effective tools. Research Engineers use their unique skills and experience to gather and share insight and feedback, enabling strong partnerships between research science and software engineering teams.

Research Topics

- Continual & Meta learning
- Control & robotics
- Deep learning
- Deep reinforcement learning
- Hierarchical reinforcement learning
- Imitation
- Language
- Memory
- Multi-agent learning
- Neuroscience
- Planning
- Reinforcement learning
- Relational reasoning
- Safety
- Theory
- Robustness & fairness
- Optimisation
- Abstractions & concept
- Unsupervised learning

Find the most meaningful work of your career

Meet other members of the team



RESEARCH SCIENTIST

Hado

"I've always been fascinated by algorithms that learn actively from interacting with their surroundings. After completing my PhD in cognitive AI in Utrecht, I spent time at the University of Alberta before joining DeepMind. I love creating new learning algorithms and building agents that integrate reinforcement learning, deep learning, and optimisation to solve interesting problems. Algorithms that learn solutions autonomously still induce a sense of wonder and magic to me."

RESEARCH ENGINEER

Yazhe

"I started my career as a civil engineer, studying theoretical and applied mechanics followed by a Masters in civil engineering. I then developed a passion for computer science, particularly Machine Learning. At DeepMind, I collaborate with research scientists on understanding machine learning and developing state-of-the-art deep learning algorithms. DeepMind is a fantastic place to work; as well as interesting research, it fosters personal development and brings out the best in me."

