

EXPERIENCE

Research Intern

GOOGLE RESEARCH

JUN 2023—SEP 2023
Mountain View, CA, USA

- Worked on large-scale vision transformer architectures for image understanding
- Developed efficient training techniques reducing compute requirements by 30%
- Contributed to open-source codebase with over 1000 GitHub stars

PhD Research Assistant

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SEP 2021—PRESENT
Cambridge, MA, USA

- Develop novel deep learning architectures for computer vision applications in autonomous systems
- Published 6 first-author papers in top-tier conferences (CVPR, ICCV, NeurIPS)
- Collaborated with industry partners including Tesla and Waymo on real-world deployment
- Mentored 4 undergraduate researchers and 2 Master's students on computer vision projects

Machine Learning Engineer

VISIONTECH AI

JAN 2020—AUG 2021
San Francisco, CA, USA

- Built production ML pipelines processing 10M+ images daily
- Led team of 3 engineers developing real-time object detection systems
- Improved model accuracy by 15% while reducing latency by 40%

EDUCATION

Ph.D. in artificial intelligence

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SEP 2021—PRESENT
Cambridge, MA, USA

- Research focus: reinforcement learning, multi-agent systems, and robotics

M.Sc. in computer science

STANFORD UNIVERSITY

SEP 2018—JUN 2020
Stanford, CA, USA

- Graduated with distinction, GPA 4.0/4.0; top 2% of class

B.Sc. in computer science and engineering

UNIVERSITY OF OXFORD

OCT 2015—JUN 2018
Oxford, UK

- Final grade: First-Class Honours

PUBLICATIONS

- A. Jordan** et al. (2024). “Efficient Vision Transformers for Real-Time Object Detection”. *Conference on Computer Vision and Pattern Recognition (CVPR)*.
- A. Jordan** et al. (2024). “Adversarial Robustness in Deep Neural Networks: A Geometric Perspective”. *International Conference on Computer Vision (ICCV)*.
- A. Jordan** et al. (2023). “Self-Supervised Learning for Visual Representation in Autonomous Systems”. *Neural Information Processing Systems (NeurIPS)*.

E. Davis et al. (2023). “Federated Learning Approaches for Privacy-Preserving Computer Vision”. *International Conference on Machine Learning (ICML)*.

A. Jordan, K. Lee (2022). “Automated Neural Architecture Search for Edge Computing Devices”. *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*.

SKILLS	PROGRAMMING	Python, C++, Java, JavaScript, Go
	ML/AI FRAMEWORKS	PyTorch, TensorFlow, JAX, Hugging Face, OpenCV
	TOOLS & PLATFORMS	Docker, Kubernetes, AWS, Git, Linux
	DATABASES	PostgreSQL, MongoDB, Redis, Elasticsearch

AWARDS & SCHOLARSHIPS	<i>Outstanding Graduate Student Award</i> , MIT Department of Electrical Engineering and Computer Science – Recognizing exceptional research contributions in computer vision and machine learning	2024
	<i>Best Paper Award</i> , Conference on Computer Vision and Pattern Recognition (CVPR) – For 'Efficient Vision Transformers for Real-Time Object Detection'	2024
	<i>Google PhD Fellowship</i> , Google Research – Full funding for PhD research in machine learning and computer vision	2022
	<i>NSF Graduate Research Fellowship</i> , National Science Foundation – Three-year fellowship supporting graduate study in computer science	2021
	<i>Phi Beta Kappa</i> , University of California, Berkeley – Honor society recognizing academic excellence	2018