

EXPERIENCE	Research Intern GOOGLE RESEARCH	JUN 2023—SEP 2023 Mountain View, CA, USA
	<ul style="list-style-type: none">– 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
	<ul style="list-style-type: none">– 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
	<ul style="list-style-type: none">– 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
	<ul style="list-style-type: none">– Research focus: reinforcement learning, multi-agent systems, and robotics	
	M.Sc. in computer science STANFORD UNIVERSITY	SEP 2018—JUN 2020 Stanford, CA, USA
	<ul style="list-style-type: none">– 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
	<ul style="list-style-type: none">– Final grade: First-Class Honours	
PUBLICATIONS	A. Jordan , M. Rodriguez, D. Kim, S. Chen (2024). “Efficient Vision Transformers for Real-Time Object Detection”. <i>Conference on Computer Vision and Pattern Recognition (CVPR)</i> . 🔗	
	A. Jordan , J. Liu, M. Zhang (2024). “Adversarial Robustness in Deep Neural Networks: A Geometric Perspective”. <i>International Conference on Computer Vision (ICCV)</i> . 🔗	
	A. Jordan , R. Wilson, L. Thompson (2023). “Self-Supervised Learning for Visual Representation in Autonomous Systems”. <i>Neural Information Processing Systems (NeurIPS)</i> . 🔗	

E. Davis, **A. Jordan**, J. Brown, A. Garcia (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)*. [🔗](#)

A. Jordan, P. Martinez, S. Johnson (2022). “Multimodal Fusion Techniques for Robust Scene Understanding”. *European Conference on Computer Vision (ECCV)*. [🔗](#)

A. Jordan, R. Green (2021). “Novel Attention Mechanisms for Scalable Image Processing”. *International Conference on Learning Representations (ICLR)*. [🔗](#)

SUPERVISION	<i>Emma Chen</i> (Master thesis), Adversarial Training Techniques for Robust Image Classification	2024
	<i>David Park</i> (Master thesis), Efficient Neural Architecture Search for Mobile Computer Vision	2024
	<i>Sophie Williams</i> (Undergraduate research), Self-Supervised Learning for Visual Representation	2023
	<i>James Liu</i> (Master thesis), Federated Learning in Computer Vision Applications	2023
	<i>Maria Garcia</i> (Undergraduate research), Attention Mechanisms in Vision Transformers	2023
	<i>Kevin Thompson</i> (Research assistant), Multi-modal Fusion for Autonomous Driving	2022
TEACHING	MIT (CS229): Machine Learning – Teaching Assistant	FALL 2023, SPRING 2024
	MIT (6.869): Advanced Computer Vision Seminar – Teaching Assistant	FALL 2022, FALL 2023
	MIT (6.S191): Deep Learning Systems Laboratory – Lab Instructor	SPRING 2022, SPRING 2023
	MIT (6.UAR): Undergraduate Research Mentorship Program – Mentor	2022-2024
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
REVIEWER	Conference on Computer Vision and Pattern Recognition (CVPR)	2024
	International Conference on Computer Vision (ICCV)	2023
	Neural Information Processing Systems (NeurIPS)	2023

	International Conference on Machine Learning (ICML)	2022
	IEEE Transactions on Pattern Analysis and Machine Intelligence	2024
MEMBERSHIPS	Student Representative <div> MIT GRADUATE STUDENT COUNCIL <div> SEP 2022—SEP 2023 Cambridge, MA, USA </div> </div> <ul style="list-style-type: none"> – Represented PhD students in department-wide policy decisions – Organized monthly seminars and networking events for 200+ graduate students 	
	Volunteer Mentor <div> GIRLS WHO CODE <div> JAN 2020—PRESENT Remote </div> </div> <ul style="list-style-type: none"> – Mentor high school students interested in computer science and AI – Conduct monthly workshops on machine learning fundamentals 	
	Member <div> ASSOCIATION FOR COMPUTING MACHINERY (ACM) <div> AUG 2018—PRESENT Remote </div> </div>	
TALKS	<i>Efficient Vision Transformers for Edge Computing</i> , MIT CSAIL Student Seminar <div>MAR 2024</div> <i>Adversarial Robustness in Deep Learning: Theory and Practice</i> , Google Research AI Seminar <div>AUG 2023</div> <i>Self-Supervised Learning for Computer Vision</i> , Stanford AI Lab Colloquium <div>MAY 2023</div> <i>Neural Architecture Search for Mobile Applications</i> , Conference on Computer Vision and Pattern Recognition (CVPR) - Poster Session <div>JUN 2022</div> <i>Introduction to Deep Learning for Computer Vision</i> , Berkeley AI Research (BAIR) Workshop <div>Nov 2021</div>	
SKILLS	<div> PROGRAMMING Python, C++, Java, JavaScript, Go </div> <div> ML/AI FRAMEWORKS PyTorch, TensorFlow, JAX, Hugging Face, OpenCV </div> <div> TOOLS & PLATFORMS Docker, Kubernetes, AWS, Git, Linux </div> <div> DATABASES PostgreSQL, MongoDB, Redis, Elasticsearch </div>	