

ANISH LAKKAPRAGADA

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EDUCATION	Yale University <i>B.S. in Mathematics & B.S. in Computer Science</i>	New Haven, CT GPA: 3.97/4.00
	<ul style="list-style-type: none">Courses: Grad Probability, Abstract Algebra, Analysis I, Learning Theory, SystemsActivities: TA (Probability Theory), Yale Birding, South Asian Society, Poker Club	
PUBLICATIONS	<ol style="list-style-type: none">Anish Lakkapragna. Exponential Family Discriminant Analysis: Generalizing LDA-Style Generative Classification to Non-Gaussian Models. <i>Preprint</i>, 2025.Anish Lakkapragna, A Khanna, E Raff, N Inkawich. Comprehensive OOD Detection Improvements. <i>CVPR VAND Workshop 2024</i>.Anish Lakkapragna. A Novel Explanation Against Linear Neural Networks. <i>NeurIPS NIML Workshop 2023</i>.Anish Lakkapragna, E Sleiman, S Surabhi, D P Wall. Mitigating Negative Transfer in Multi-Task Learning with Exponential Moving Average Loss Weighting Strategies (student abstract). <i>AAAI Student Abstract & Poster Program 2023</i>.Anish Lakkapragna, A Kline, O C Mutlu, ..., P Washington, D P Wall. The classification of abnormal hand movement to aid in autism detection: Machine learning study. <i>JMIR Biomedical Engineering 2022</i>.	
PROJECTS	SeaLion : Machine Learning Library written from scratch <i>300+ stars, 15,000 views, and 2K downloads on GitHub.</i>	Nov 2020 - Apr 2021
	GenAlt : Accessibility Browser Extension for the visually impaired (3.2K users) <i>Featured in U.S. Interagency Accessibility Forum (IAAF) 2023.</i>	Dec 2021 - Mar 2024
	Lynbrook High School Job Shadow Platform (Lead Dev) <i>Used by 500+ students annually. Saves school admin 100 hours/yr.</i>	Jun 2023 - Apr 2024
INTERNSHIPS	Ciroos ML Engineer <ul style="list-style-type: none">Ciroos is an early-stage startup (<u>\$21M seed</u>) developing an AI-driven SRE assistantDeveloped MCP server to perform root-cause analysis on any AWS service	Jun 2025 - Aug 2025
	alphaXiv Software Engineer <ul style="list-style-type: none">Ideated & made <u>Chrome Extension</u> (20,000+ users) to increase user retentionCut backend latency by 50%; tracked user growth across 30M+ rows SQL table	Jun 2024 - Nov 2024
	U.S. Air Force Research Lab x Booz Allen Researcher <ul style="list-style-type: none">Youngest-ever intern, position historically held by undergrad & grad studentsImproved accuracy in out-of-distribution (OOD) detection and <u>published work</u>	Jun 2023 - Oct 2023
	Stanford University, Wall Lab Researcher <ul style="list-style-type: none">Devised novel machine learning techniques for early detection of autism (<u>paper</u>)Improved the the performance of multi-task learning models (<u>paper</u>)	Jun 2021 - Jan 2023
HONORS	Discover Citadel , Invitee (3% acceptance rate) 6.3M+ views & 30,000+ downloads of my <u>bird photographs</u>	Apr 2025 May 2022 – present
	Youngest-ever speaker , DataBricks Data + AI Summit 2022	Jun 2022
	\$2500 scholarship , National Merit Scholarship Corporation (NMSC)	Mar 2024
SKILLS	Languages & Frameworks: Python, C/C++, TypeScript, PyTorch/TensorFlow, Next.js Backend: Kubernetes, Docker, AWS, MongoDB, (Postgre)SQL, FastAPI, Linux Services.	