

ANISH LAKKAPRAGADA

EDUCATION	Yale University New Haven, CT <i>B.S. in Mathematics & B.S. in Computer Science</i> GPA: 3.97/4.00 <i>Class of 2028</i> <ul style="list-style-type: none">• Courses: Real Analysis, Theoretical Stats, Honors Linear Algebra, Intro to Systems• Activities: TA (Probability Theory), Yale Birding, South Asian Society, Poker Club
PUBLICATIONS	<ol style="list-style-type: none">1. Anish Lakkapragada. Exponential Family Discriminant Analysis: Generalizing LDA-Style Generative Classification to Non-Gaussian Models. <i>Preprint</i>, 2025.2. Anish Lakkapragada, A Khanna, E Raff, N Inkawich. Comprehensive OOD Detection Improvements. <i>CVPR VAND Workshop 2024</i>.3. Anish Lakkapragada. A Novel Explanation Against Linear Neural Networks. <i>NeurIPS NIML Workshop 2023</i>.4. Anish Lakkapragada, 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>.5. Anish Lakkapragada, 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>Press: U.S. Interagency Accessibility Forum 2023 & ASBVI school</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 Jun 2025 - present <ul style="list-style-type: none">• Ciroos is an early-stage startup (\$21M seed) developing an AI-driven SRE assistant• Developed MCP server to perform root-cause analysis on any AWS issue alphaXiv Software Engineer Jun 2024 - Nov 2024 <ul style="list-style-type: none">• Ideated & made <u>Chrome Extension</u> (10,000+ users) to increase user retention• Cut backend latency by 50%; tracked user growth across 30M+ rows SQL table U.S. Air Force Research Lab x Booz Allen Researcher Jun 2023 - Oct 2023 <ul style="list-style-type: none">• Youngest-ever intern, position historically held by undergrad & grad students• Improved accuracy in the out-of-distribution (OOD) detection and <u>published work</u> Stanford University, Wall Lab Researcher Jun 2021 - Jan 2023 <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>)
HONORS	6.3M+ views & 30,000+ downloads of my <u>bird photographs</u> May 2022 – present Invitee , Discover Citadel (3% acceptance rate) Apr 2025 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.