Logan Lara

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Education

Michigan State University   Expected May 2027
Bachelor of Science in Computer Engineering (GPA: 2.72 / 4.00)   *East Lansing, MI*
- Currently on leave until Summer 2025 to gain practical experience and focus on personal development.

Experience

Self-Employed   May 2024 – Sep 2024
AI Trainer   *East Lansing, MI*
- Tested over 10 large language models (text-to-text and text-to-image) on C++, Python, and other STEM-related concepts, employing prompt engineering techniques like few-shot learning and chain-of-thought prompting
- Optimized models through reinforcement learning from human feedback (RLHF), aligning model behavior with specific client preferences and use cases, leading to increased client satisfaction
- Reviewed and edited feedback from other trainers on 5+ models due to strong performance, ensuring adherence to model policies and consistent model alignment for the client

TRIO Student Support Services, Michigan State University   May 2022 – May 2024
STEM Tutor   *East Lansing, MI*
- Helped students succeed in calculus and programming by leading 30+ tutoring sessions, leveraging knowledge of learning styles and study techniques, including spaced repetition, active recall, and the Feynman technique
- Educated students on time management by introducing tools like Notion (productivity app) and the Pomodoro Technique, providing marginalized individuals with resources for growth

National Society of Black Engineers, Michigan State University   May 2022 – Nov 2023
President and Campus Affairs Senator   *East Lansing, MI*
- Enhanced board's operational efficiency as President by constructing task-management system and communication pipelines using strategic thinking and compartmentalization skills
- Paved way for chapter's reception of multiple university and organization awards like MSU Outstanding Academic Organization of the Year by implementing logistical procedures to foster inter- and intra-chapter collaboration
- Mobilized student leaders and presented a clear vision for the chapter, securing 97% support for presidency and achieving first fully-staffed executive board since 2019
- Ensured fair treatment and advocacy for students as Campus Affairs Senator by representing chapter of 50+ members at campus, regional, and national levels, applying empathy, facilitation, and comprehensive knowledge of NSBE governing documents

Lear Corporation   May 2023 – Aug 2023
Controls Engineer Intern   *Dallas, TX*
- Resolved critical false-pass bug in car seat functionality test's PLC code, achieving 0% false-pass rate through process analysis and knowledge of ladder logic
- Recommended quality improvements for seat assembly through utilizing IV2- and IV3-Navigator software to analyze data from Keyence Vision AI Sensor poke yoke
- Ensured comprehensive alternatives for seat-shipping process of 30+ trailers by devising backup drill contingency plan for shipping trailer PFMEA
- Diagnosed and solved seat trim tears by representing Engineering Department in 20-participant Kaizen event using cross-departmental collaboration and assembly line knowledge

KPMG   Aug 2022
Finalist, Future of Tech Summit Case Competition   *Orlando, FL*
- Developed solution for community carbon neutrality by collaborating with cross-disciplinary team of four undergraduates, utilizing critical thinking, team leadership, and objective vision
- Effectively communicated solution to two panels of firm leadership by delivering speeches and PowerPoint presentations with executive presence, competing against 15 teams of undergraduate and graduate students

Skills

Programming Languages: C++, Python, Ladder Logic
Technical Skills: Machine Learning, Artificial Intelligence, Reinforcement Learning, Prompt Engineering
Soft Skills: Communication, Teamwork, Leadership, Problem-Solving, Adaptability, Self-Learning