ISIAH UDOFIA

New Haven, Connecticut | (973) 303-6883 | isiah.udofia@yale.edu | linkedin.com/isiah-udofia | isiahudofia.com

EDUCATION

Yale University, New Haven, CT   **Expected May 2026**
Cognitive Science, B.S. – Neurocognitive Computation
Relevant Coursework: Web Design, Machine Learning, Neuroanatomy, Management of Software Development
GPA: 3.7 | *Awards:* 3x MRCC Academic Scholarship, 4x All-Ivy Team (Long Jump, 4x100), USTF Academic All-American

WORK EXPERIENCE

UBS, *Summer Investment Banking Analyst*, New York, NY   **June 2025 - August 2025**
- Trained in Debt Capital Markets team, assisting in origination and syndication of $20M+ of investment grade debt
- Led an independent research initiative to educate team on structure and market dynamics of synthetic risk transfers

Bain and Co., *Building Entrepreneurial Leaders Internship***,** New York, NY   **May 2023 - May 2024**
- Gained real-time exposure to the processes that Bain uses, including opportunity to join live case team for a week
- Selected for Bain's competitive *Consulting Kickstart Program*, gaining early consulting training, mentorship, and exposure to real problem-solving frameworks

Blinds To Go Inc., *Supply Chain Intern*, Lakewood, NJ   **June 2022 - August 2022**
- Worked directly with Plant Controller to audit, proposed change to bill of materials to align to actual production
- Led review of bill of material, observed production, documented variances, suggested changes to bill of material and work orders to better reflect material used in production
- Bill of materials accuracy improved from 95% to 99+% and changes were used to open new plant in Saltillo, Mexico

EXTRACURRICULAR ACTIVITIES (LEADERSHIP EXPERIENCE)

Yale Varsity Track and Field Team, *Sprinter/Jumper*, New Haven, CT   **2022 - 2025**
- 3th ranked all-time in Yale men's long jump list, Finished back-to-back years top 50 in NCAA Division I in long jump with personal best long jump of 7.66m
- Organized multi-week lifting program geared towards summer strength improvement for short sprinters and jumpers, and practice six times per week including commute to facilities off campus, lift twice per week while on campus

Zen Digital Studio, *Founder*, New Haven, CT   **February 2025 - Present**
- Founded and scaled creative services agency with five retainer clients, delivering short-form editing, content strategy, and custom sites that align brand, visuals, and messaging across YouTube, Instagram, TikTok, and web
- Led a full rebrand for a construction company by building a full-stack marketing site from scratch, producing new media assets, and managing their social presence to unify aesthetic, tone, and lead funnels (https://lamcpainting.com/)

TECHNICAL PROJECTS

ML Research: Wearable Sleep Optimization   **August 2025 - April 2026**
Mechanisms of Disinhibition (MoD) Laboratory, Yale University (Department of Psychology)
- Leading development of an end-to-end analytics pipeline using large-scale wearable data to model how nightly recovery signals influence next-day cognitive performance, applying supervised ML to generate usable insights
- Running feature engineering and model evaluation to identify the strongest physiological predictors of alertness and focus, aiming to produce actionable sleep recommendations grounded in wearable data analytics

Academic Index AI, *Co-Founder & Product Lead*   **May 2025 - Present**
- Co-founded a fully custom-built AI web application with two Princeton students; scaled to 10,000+ users via Instagram
- Designed and built a custom, gamified UI/UX guiding users from acquisition to upload to score reveal and analysis
- Custom architected a context-engineered LLM pipeline (OCR + Gemini) with strict schema-based prompting and guardrails, converting unstructured Common App materials into consistent scores within 0.1%-1.0% error threshold

SKILLS AND INTERESTS

- *Language Skills:* Professional Working Proficiency in Spanish, Intermediate Proficiency in Brazilian Portuguese
- *Interests:* Video Editing (Adobe/DaVinci), Competitive Sim Racing (GT3), European Soccer Tactics, Cooking