ISIAH UDOFIA

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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+ investment grade debt across issuers
- Led an independent research initiative to educate team on structure and dynamics of synthetic risk transfers and credit implications

Bain and Co., *Building Entrepreneurial Leaders Internship*, New York, NY **May 2023 - May 2024**
- Joined live case team for one week, observing end-to-end consultant workflows from problem definition through analysis, synthesis, and client recommendation development
- Selected for Bain's competitive Consulting Kickstart Program, receiving training in consulting toolkits and hypothesis-driven methodologies, mentorship from senior consultants, and hands-on exposure to real client problem-solving frameworks

Blinds To Go Inc., *Supply Chain Intern*, Lakewood, NJ **June 2022 - August 2022**
- Collaborated with Plant Controller to audit bills of material (BOMs), observed production, and documented discrepancies between recorded and actual material usage
- Improved BOM accuracy from 95% to 99+%, with revisions adopted as operational baseline for new manufacturing plant in Saltillo, Mexico

EXTRACURRICULAR ACTIVITIES (LEADERSHIP EXPERIENCE)

Yale Varsity Track and Field Team, *Sprinter/Jumper*, New Haven, CT **2022 - 2025**
- 3rd ranked all-time in Yale men's long jump history with personal best of 7.66m, finishing back-to-back seasons ranked top 50 nationally in NCAA Division I
- Organized and led multi-week summer lifting program focused on strength development for sprinters and jumpers, coordinating six practices weekly across on and off-campus facilities

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, *Research Assistant*, New Haven, CT **August 2025 - April 2026**
- 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*, Princeton, NJ **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