Lawrence Hua

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EDUCATION

Carnegie Mellon University | Master of Information Systems Management | GPA: 3.55   Pittsburgh, PA | Dec 2024
    Concentration: IT Strategy and Management, Artificial Intelligence & Machine Learning

University of Florida | Bachelor of Science, Computer Science | GPA: 3.65   Gainesville, FL | May 2021
    Concentration: Software Engineering & Systems

WORK EXPERIENCE

Co-Founder | Expired Solutions, LLC   Full-time - Remote | Aug 2024 – Present
- Led strategy, development, and go-to-market for a multi-modal AI system (computer vision + GPT) designed to reduce grocery shrink by 20% and improve inventory accuracy by 35%.
- Built and launched a mobile app for freshness scoring and automated markdowns using Azure Vision AI and GPT-4; directed a cross-functional team across engineering, design, and operations.
- Pitched an 8-week pilot to Giant Eagle, supported by insights from 15+ executive interviews and 250+ shopper surveys.

Product Manager Intern | PM Happy Hour   Part time - Remote | Mar 2025 – Present
- Owned product roadmap and KPI framework for content performance and member growth; scaled community Discord engagement by 30%.
- Launched an MBTI-themed AI-generated content campaign, increasing community interaction by 50% through cross-functional collaboration with marketing and design.
- Improved product feature adoption by 20% through iterative A/B testing and integration of user feedback.

AI Product Consultant & Computer Science Instructor | Tutora   Full-time - Remote | Mar 2021 – Present
- Prototyped AI-driven scheduling, invoicing, and grading tools to streamline tutor workflows, projected to save 15+ hours/week and cut review time by 50%.
- Developed and maintained 100+ TI-BASIC educational apps, boosting standardized math test scores by 35% across 50+ students.
- Led computer science tutoring and delivered AI training documentation, improving long-term team adoption of new tools.

Embedded Android Engineer | Motorola Solutions, Inc.   Full time - Schaumburg, Illinois | Aug 2021 – Aug 2023
- Developed and shipped embedded Android software features for APX NEXT smart radios, supporting 15,000+ field units in mission-critical deployments.
- Diagnosed and resolved 80+ firmware and application defects; led debugging initiatives with global teams, reducing integration delays by 25%.
- Won 1st place in Motorola's internal hackathon by prototyping an NFC-enabled radio enhancement to improve field communication speed.

Projects & Consulting

Student Consultant (Capstone), Technical Lead | Kearney and Bath and Body Works   Pittsburgh, PA | Aug – Dec 2024
- Reduced decision-making time by 26% (18 hrs/week) through GPT-powered enterprise tool using OpenAI, Flask, and React.
- Led user research, stakeholder interviews, technical prototyping, and competitive analysis to inform product roadmap.
- Defined MVP scope and prioritized features based on user needs and business requirements.
- Delivered final stakeholder presentation outlining system architecture and implementation milestones.

Skills

Technologies & Tools: GPT-4 (Azure), YOLO, Vision AI, SQL, Python, MLflow, REST APIs, JSON, Power BI, Figma, Miro, Firebase, GitHub, Tableau, JIRA, Confluence, Google Sheets, Looker
Methodologies: Agile (Scrum), A/B Testing, Product Roadmapping, PRD Writing, OKRs, Stakeholder Alignment, GTM Strategy, User Research, Data Storytelling

Additional Qualifications & Interests

Awards & Honors: Finalist – 2025 McGinnis Venture Competition (Social Enterprise Track); Gerhalt Sandbox Fund Scholar; Dean's List (4x); Bright Futures Scholar.
Certifications: IBM AI Product Manager Professional Certificate; Professional Scrum Product Owner I (PSPO I).
Interests: Food tech innovation, sustainable retail operations, AI ethics, community mentorship.