

Trần Phú Khang

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Education

University of Florida - GPA: 3.89/4.00

Gainesville, FL, United States

B.S in Computer Science | Economics Minor | Cum Laude Honors

Aug 2022 - May 4th 2026

Experience

News Corp Product Management Externship, Extern – Remote

March 2026 - May 2026

- Mapped the end-to-end NY Post user journey, identifying key friction points and drop-off stages across the reader experience using product and user data
- Conducted competitive benchmarking of NY Post against competing news products to identify gaps in user acquisition
- Prioritized a new app feature using RICE scoring, and authored a PRD defining scope, user stories, and success metrics
- Built a prototype in Canva and designed the end-to-end user flow for new features
- Coordinated focus groups for testing, synthesizing qualitative and quantitative insights into a structured findings report

Part-Time Backend Software Developer, UF SASE – Gainesville, FL, United States

Sep 2025 – April 2026

- Authored user stories, detailed tickets, and defined key requirements based on stakeholders' interviews
- Architected a rate-limiting system and maintained its product backlog across sprints in an Agile Scrum Environment
- Designed and executed test scenarios to validate the rate-limiting system functionality against the acceptance criteria
- Conducted A/B testing with multiple rate-limiting solutions, evaluating tradeoffs between security and user experience.

Undergraduate AI Researcher, UF Embedded Systems Lab – Gainesville, FL, United States

Oct 2025 - Feb 2026

- Assisted in research for a new Quantum AI architecture that can learn and reconstruct missing features of data samples.
- Engineered patch selection and masking strategies using quantum circuits with Python, PyTorch, and PennyLane.

Projects

Apple Music UI UX Redesign

- Identified key pain points in Apple Music's discovery and playlist management experience through market research and user interviews
- Designed prototypes in Figma for a new music recommendation feature and streamlining playlist modification flow
- Iterated on prototypes based on usability testing findings, documenting insights to make data-driven design choices

AI-Powered Job Preparation Platform - Prepr

- Designed the full user experience in Figma, creating wireframes and prototypes across all core user flows, including voice-to-voice AI mock interviews, resume analysis and tailoring, onboarding, and subscription management
- Developed the platform with Next.js, PostgreSQL, and multiple AI APIs,
- Tested all API endpoints using Postman and wrote automated unit and integration tests to ensure system reliability.

Leadership / Extracurricular

Vice President (University of Florida Vietnamese International Student Association)

Sep 2025 - May 2026

- Secured **\$7500** in sponsorship funding through stakeholder communication with sponsors, vendors, and university administration to support event operations in promoting the Vietnamese culture at the University of Florida
- Led end-to-end planning of the Tet event for **200+ attendees**, coordinating stage performances, activities, and fund allocation across four cross-functional committees (programming, logistics, media, decoration) with **20 members**
- Drove event programming decisions through user interviews, surveys, and historical data analysis, increasing attendance by **30%** through targeted marketing campaigns across social media and in-person outreach

Technical Skills

English: IELTS 7.0 (2018), 7 years living in the US

Market & User Research: Competitor Analysis, User Interviews, A/B Testing, SWOT Analysis, Root Cause Analysis

Data Analytics: SQL, Python

UI/UX Design: Figma, Canva

Product Management: Jira, Confluence, Notion, Trello

AI Tools: Claude, Claude Design, Gemini, Nano Banana