John (Peikai) Mo

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EDUCATION

Texas A&M University   Aug. 2022 – May 2025
B.S. in Computer Science | Summa Cum Laude | Dean's Honour Roll | GPA:3.9/4.0   *College Station, TX*

EXPERIENCE

AI Software Engineer   Jul. 2025 – Present
First Fun   *Santa Clara, CA*
- Founding AI engineer leading AI tool development, production, and gameplay design.

Software Developer   Feb. 2025 – Jul. 2025
PowerDB   *College Station, TX*
- Built and deployed a dynamic equipment tracking system in **C#, WPF (.NET), and SQL Server**, automating XML data parsing to accelerate **QA reporting** by **50%**.
- Increased equipment assigning workflow performance by **10X** through refactoring MVVM architecture and optimising data lookups with dictionary-based mappings.
- Redesigning company website with **Framer, React, and CMS** integration, enhancing **user experience** and decreasing customer support inquiries.

Product Manager Intern   Jun. 2024 – Aug. 2024
Walmart   *Bentonville, AR*
- Prevented **$3.6M annual fraud losses (60% reduction)** through implementation of data-driven fraud detection rules using **SQL** and **Salesforce**.
- Owned **two strategic fraud initiatives**; authored **PRDs** that outlined strategic solutions, user stories, and product roadmap; aligned cross-functional teams; actively unblocked engineering dependencies.

Game Developer Intern   May 2023 – Aug. 2023
Supersocial   *Los Angeles, CA*
- Spearheaded a **full IP prototype** using **Unreal Engine (UEFN/Verse)** with **Agile sprints**; led programming, game balancing, playtesting, and documentation.
- Authored comprehensive technical documentation and onboarding scripts; collaborated with designers and PMs across product lifecycle.

Product Engineer Intern   May 2022 – Aug. 2022
Mercy Ships   *Remote*
- Built internal **full-stack** applications automating travel and medical workflows; managed **100+ Jira tickets**.

PROJECTS

TAMUhack
- 2025: **DJ Bestie (3rd/700+)** – AI-powered DJ app using TensorFlow, Keras, OpenAI, React/Next.js, and the Spotify API to personalise music curation through real-time speech and computer vision input.
- 2024: **iNterview Pro (1st/800+)** – AI interview coach using PyTorch, OpenCV, OpenAI, OpenGL, and React/Next.js to analyse facial expressions, eye movement, and speech in real time for adaptive feedback.

Dreamboy Games   Sep. 2023 – Apr. 2024
- Launched incubation game studio on **Fortnite Creative**, achieving **500+ CCU** and **11,000+ total plays**.

TECHNICAL SKILLS

Languages: C, C++, C#, JavaScript, Python, Java, SQL, HTML/CSS, Verse, Scheme
Frameworks & Tools: React, Next.js, Node.js, .NET, WPF, Git, Docker, Azure, Salesforce, Jira, Confluence, Figma, Framer, Linux, Unity, UEFN, Godot, Google Suite, Microsoft 365, Adobe Suite, Visual Studio, Cursor, ComfyUI, Notion
AI & Libraries: ChatGPT, Claude, TensorFlow, Keras, PyTorch, YOLO, OpenCV, pandas, NumPy, Matplotlib
Interests: Brazilian Jiu-Jitsu, Badminton, Snowboard, Food, Travel, Esports