

Miguel Taveras

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Senior Technical Product Manager with extensive experience in AI/ML, LLMs, program management, and product development. Dedicated to keeping the user front and center in all technological advancements. I specialize in natural language understanding and have a proven track record in orchestrating complex AI/ML client/server software features for major OS releases involving 100+ people. Skilled in data-driven decision-making, managing multiple work streams interdependently, and distilling technical requirements from partners into long-term platform roadmaps.

- **Gen AI Leadership:** Drive innovation by combining expertise in generative AI, large language models, and infrastructure optimization to create scalable, user-focused solutions that align with cutting-edge trends.
- **Strategic Program Management:** Excel at orchestrating cross-functional strategies to solve complex problems, enabling seamless integration of AI technologies with enterprise systems and enhancing product ecosystems.
- **Collaborative Visionary:** Cultivate collaboration across engineering, research, and design teams to develop forward-thinking features, translating market insights into impactful, future-ready AI solutions.

WORK EXPERIENCE

Sr Engineering Program Manager, Apple Intelligence NLU [Apple Inc.](#) / **Cupertino, CA** Feb 2024 - Present

- *Private Cloud Integration:* Led the Siri platform integration with [Private Cloud Compute](#), ensuring private, secure, and efficient server processing of Generative AI Siri features. Enhanced user privacy and processing efficiency, protecting user data for the [Apple Intelligence](#) release in iOS 18.1 and macOS Sequoia 15.2.
- *Personal Context Search:* Launched a more intelligent Siri that leverages personal context to provide real-time, personalized assistance. Allowed Siri to use on-device information for tasks such as locating flight details or summarizing information on the screen. Double-digit increase in user engagement and task completion rates.
- *New NL Router Development:* Led the development of a natural language classifier to rewrite and precisely route Siri requests to specific fine-tuned LLMs and chatGPT, resulting in >90% task completion and improving the accuracy and helpfulness of responses. Addressed ellipsis/anaphora use cases and on-screen referencing. Double-digit increases in task completion and improved response accuracy by >20 basis points.

Product Manager, Siri/Search [Apple Inc.](#) / **Seattle, WA** Jan 2021 - Feb 2024

- *Metric-Driven Enhancement:* Led a 30+% increase in Siri engagement metrics using cutting-edge semantic understanding to prompt users to try their request again when predicted hesitation, stuttering, or cut-off occurred. Resulted in XM # of better responses to weekly user requests.
- *Innovative Product Launches:* Launched more than 15 new Siri experiences, most notably Siri Health on watchOS 10.2 and iOS 17.2. Integrating Siri into the Health app gave users easier access to their Health data with their voice (*Try: Siri, how many steps did I take today?*). Drove cross-functional collaboration with engineering, data science, and marketing teams to enable on-device processing of over 20 health data types, enhancing user privacy and convenience ([NewsRoom](#)).
- *Cost Savings:* Navigated a technically complex vendor deprecation, accelerating response times for XM # of requests while saving the company \$XM in 3P operational costs and expanding English-only services to all Siri languages.

Program Manager Intern, Supply Chain [NASA Ames Research Center](#) / **Mountain View, CA** Jan 2021 - May 2021

- *Innovative Problem Solving:* Delivered a manufacturing delivery-time simulation for ordering AAM/VTOL vehicles at scale for NASA's Revolutionary Vertical Lift Technology Project with cross-functional collaboration and innovative problem-solving.
- *Risk Mitigation:* Implemented a tool for predicting critical component delivery failures, enhancing operational efficiency in drone deployment for Navy Seals' missions.

Instructional Designer, Strategic Ascent / **Houston, TX** Jan 2019 - Jan 2021

- *Learning & Development Efficiency and Cost Savings:* Designed virtual and facilitated training curriculums for entry-level engineers, cutting onboarding time to chargeability by 17% and profiting quicker from new hires.
- *Risk Mitigation:* Executed organizational employee compliance assessments, resulting in tailored curricula and substantial \$XM government compliance cost savings for clients.

EDUCATION

University Of Houston / Houston, TX / M.S Management Information Systems, 2022

University Of Houston / Houston, TX / B.S Human Resource Development, 2020