# Ryan Hsu

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San Francisco, CA

## EXPERIENCE

**Tesla,** *Associate Product Manager*, Palo Alto, CA  Apr. 2025 – Present

- Ownership of internal Sourcing Application Suite connecting Tesla's Supply Chain Managers with pool of 5000+ suppliers across NA, EMEA, and APAC

**Tesla,** *Product Manager Intern,* Palo Alto, CA  Sep. 2023 – Mar. 2024

- Owned product design, development, and defined success metrics for an internal application from MVP to post-launch using Agile methodologies, growing application to 300+ daily active users
- Gathered requirements from over 200+ internal and external users, led feature improvement design, and created Jira tickets for an application revamp used by 5000+ suppliers daily, leading to a 34% increase in application's NPS
- Wrote SQL queries to identify database discrepancies and led organization-wide initiative to improve data quality, resulting in a 70% decrease in incompliant data and increase in production cost forecast accuracy by $XX millions
- Built and implemented an ML model with 99.87% accuracy to validate access credentials for 150,000 employees
- Automated manual workflows by writing Python scripts, averaging a 90% decrease in time spent per workflow

**YumDodo,** *Technical Intern,* Seattle, WA  Jun. 2023 – Aug. 2023

- Synthesized user interview notes to create a complete PRD covering designs and technical specifications for MVP product features
- Implemented frontend MVP features from the PRD using TypeScript and React
- Developed web scrapers to acquire ~2TB of data to populate into the company's initial database

**Alethea Capital Management LLC**, *Software Engineer Intern*, Seattle, WA  Jun. 2022 – Sep. 2022

- Improved the existing back testing algorithm for firm's long/short equity model (~200M AUM) using Python and pandas, leading to a projected 1.2% increase in annualized returns and a 22% decrease in algorithm runtime
- Wrote Python scripts to organize 9 years' worth of internal documents to be submitted for SEC audit

**Jemi (YCS20)**, *Product Manager Intern*, San Francisco, CA  Nov. 2021 – Apr. 2022

- Owned growth strategy and execution for various user groups, resulting in 20% increase in organic referrals
- Designed and conducted 50+ user interviews and communicated findings to the engineering team, leading to 10+ feature improvements for the core product

## EDUCATION

**University of Washington |** *Information School* **|** *Michael G. Foster School of Business*  Seattle, WA

- B.S. in Informatics + B.A. in Business Administration (dual degree)
- GPA: 3.82/4.00 (Cum Laude)
- *Activities:* DubHacks Next (Managing Director, student-run startup incubator)

## PROJECTS

**AfterAware**

- Implemented SMS-based chatbot to help healthcare providers track patient recovery process. Built using GPT-3.5 Turbo, Python, Flask, ngrok, Twilio, and Airtable
- Tested product market fit by enrolling 2 local physical therapy clinics in 1-month pilot program, averaging 52 weekly active users

## TECHNICAL SKILLS and INTERESTS

**Languages**: Python, SQL , TypeScript, JavaScript, Java, R
**Libraries/Frameworks**: pandas, React, Flask
**Technologies/Tools**: Git, Firebase, Ubuntu, Jira, Confluence, Docker, Excel, Powerpoint, Word, Figma
**Interests**: Sabermetrics | Formula 1 | Mechanical Keyboards | PC Hardware | Poker Theory