

# Chensi Xu

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## Technical Program Manager | Connected Systems & Validation | MedTech & Mobile Applications

Cross-functional operator with 9+ years of experience in fast-paced startup environments, contributing across the full product lifecycle—from early data collection and algorithm development support to system validation and product delivery. My work has focused on building and validating real-world connected systems, leading data collection initiatives, partnering with engineering and data science teams, and executing end-to-end verification to ensure reliability at scale. I thrive in ambiguous, fast-moving environments where I can bridge cross-functional teams and drive execution from concept to deployment—particularly on systems that combine hardware, software, and data to solve complex real-world problems.

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## CORE SKILLS

Verification & Validation (V&V) • Technical Program Management • Connected Systems  
Firmware & Device Integration Testing • Functional & Regression Testing • Data Pipeline Ownership  
Medical Device Software Validation • Test Plan Development • TestRail  
Cross-Functional Collaboration • Risk Management • JIRA • Agile / Scrum  
GitHub • Excel & Google Sheets • SQL • Python • Confluence • Jama Connect • Defect Tracking

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## PROFESSIONAL EXPERIENCE

### BioIntelliSense, Inc. — Redwood City, CA

#### Verification & Validation Engineer | Oct 2022 – Mar 2026

- Designed and executed **verification & validation test plans** for mobile applications, firmware, and device gateways supporting connected medical device systems.
- Managed requirements and end-to-end traceability using Jama Connect, ensuring full coverage from system requirements through test execution and regulatory sign-off.
- Conducted **functional, regression, compatibility, and integration testing** to ensure product reliability and regulatory compliance.
- Managed **internal beta testing and dogfooding programs** supporting multiple firmware and mobile app releases, coordinating test devices, plans, and user feedback across teams.
- Partnered with engineering, product, and QA teams to **reproduce issues, track defects, and validate fixes** prior to production releases.
- Prepared and documented comprehensive test reports capturing results, findings, and sign-off status to support regulatory submissions and release decisions.
- Identified, reported, and helped resolve defects and inconsistencies within tests and the test framework, improving overall test coverage and reliability.
- Created and maintained work instructions, processes, and guides for team use and onboarding, ensuring consistent execution across the V&V organization.

#### Project Manager – Mobile & Device Programs | Oct 2019 – Sep 2022

- Led **mobile Android and iOS application projects** Led mobile Android and iOS application projects, coordinating cross-functional teams of up to 18 people across 4–5 time zones (US, Vietnam, India, Taiwan) to deliver complex initiatives on time.
  - Managed **multiple concurrent projects** Managed multiple concurrent projects simultaneously, supporting 2–3 major app and firmware releases per year across iOS, Android, and firmware, prioritizing tasks and mitigating risks across engineering, QA, and product teams.
  - Implemented process improvements that enhanced team efficiency, collaboration, and project delivery quality across engineering and QA organizations.
  - Managed full-cycle physiological data collection, curation, logistics, and inventory tracking for ML model training and pre-clinical and clinical studies—coordinating shipments and ensuring availability of up to 300 devices across study sites.
  - Partnered with clinical development engineers to define experimental designs, establish study requirements, and provide technical support for pre-clinical studies in both GLP and non-GLP settings, ensuring robust data generation and protocol compliance.
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### Striiv Inc. — Redwood City, CA

#### Project Manager | Jun 2015 – Oct 2017

- Managed **mobile application development projects** across the full lifecycle: planning, execution, monitoring, and release.
- Developed project schedules, status reports, and resource plans to support engineering and product teams.
- Collaborated with cross-functional teams to **identify risks and resolve technical issues** during development.

- Supported delivery of mobile products including **Striiv Mainline Apps, Pfizer Believe App, and CHR1.**
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## **EDUCATION**

### **Master of Science - Informatics**

San Jose State University

### **Bachelor of Arts - Chinese Studies (Film Minor)**

University of California, Los Angeles

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## **Certifications**

Installing and Administering **Atlassian JIRA**

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## **Languages**

English • Chinese • Hokkien