Christine Xu

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EXPERIENCE

AI Consulting Intern
Sep. 2025 – Present

Clearset.ai · *Tampa, FL*

- Scoped AI projects with clients, translating business challenges into data-driven workflows and reporting solutions with measurable outcomes.
- Designed and deployed custom ML models and data pipelines with KPI reporting, integrating with existing systems to deliver ethical automations and actionable insights.
- Skills: Python, scikit-learn, Pandas, NumPy, data pipelines and ETL, model deployment, API integration, SQL, experiment tracking and evaluation, code review and static analysis

Software Engineering Intern
Aug. 2025 – Oct. 2025

Swipr · *New York, NY*

- Developed backend for fintech app with FastAPI (Python 3.13), Uvicorn, Pydantic, and JWT authentication, built an AI-powered portfolio simulator, secured user auth, and real-time market data pipelines and reporting logic.
- Contributed to frontend in React 18/TypeScript with Tailwind and React Query, added swipe-based portfolio selection and smooth user interactions to improve engagement.
- Skills: Python 3.13, FastAPI, Uvicorn, Pydantic, JWT, REST, React, TypeScript, Tailwind CSS, Git, Linux, Scrum/Jira

SWE and App Development Intern
Jul. 2025 – Aug. 2025

CuesHub · *Memphis, TN*

- Built a modular Flutter app with calendar sync, real-time health tracking, and an AI engine that increased user engagement by 40%.
- Developed predictive models using time series and user activity data to simulate lifestyle scenarios, forecast habit success, and deliver personalized nudges.
- Skills: Flutter, Dart, Firebase, Google API, REST APIs, time-series modeling, predictive analytics, iOS and Android development, mobile app architecture and state management

PROJECTS

RAG-Enhanced LLM System for Data Standardization
Aug. 2025 – Present

- Built LLM-powered knowledge graph pipeline with Python, Neo4j, and LangChain for semantic search, RAG workflows, and vocabulary standardization.
- Enhanced Streamlit UI for experts with batch processing, vector similarity queries, and feedback-driven mapping improvements.
- Skills: Python, Langchain, Neo4j, Streamlit, RAG, Cypher, LLMs, Agile Development, Bash, zsh

Fluffi
Jun. 2025 – Aug. 2025

- Built an AI-powered Flutter app with on-device NLP and behavioral embeddings, integrating Google APIs for location and calendar services to support fast semantic search over user data.
- Developed a forecasting engine using activity history to predict outcomes and summarize key behavioral metrics, reducing cognitive load through intelligent nudges.
- Skills: Flutter/Dart, NLP, Semantic search, Google APIs, Forecasting, Time series modeling

Gateway Visualization Tool
Jan. 2025 – May 2025

- Developed a CAD-model-based training environment in Unreal Engine, enabling astronaut mission simulations for NASA with interactive VR and desktop components.
- Co-authored and published a scientific paper presenting the project's design and findings at the IEEE SMC-IT/SCC conference.
- Skills: Unreal Engine, CAD modeling, Virtual Reality (VR), Scientific Writing, Microsoft Teams & PowerPoint

EDUCATION

Purdue University
West Lafayette, IN

Bachelor of Science in Computer Science and AI · *Aug. 2024 – May 2027*

Relevant Coursework: Data Structures and Algorithms, Machine Learning, Operating Systems, OOP, Database Systems, Web Development, AWS Cloud Technical Essentials Cert., Google Network Security Cert.