

Chris Shen

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EDUCATION

University of California, Berkeley

B.A. Applied Mathematics & Computer Science

Berkeley, CA

Expected May 2028

– GPA: 3.835/4.00

– Relevant Coursework: Data Structures & Algorithms, Computer architecture, Internet Architecture, Artificial Intelligence, Machine Learning, Data Science, Full-Stack Web Development, Probability & Statistics

EXPERIENCE

Technology Manager Intern

Mar 2026 – Present

Youphoria (Remote)

- Coordinated cross-functional teams to align product goals with technical execution across web and mobile features
- Analyzed user engagement and proposed onboarding improvements, increasing completion rates by ~10–15%
- Participated in weekly cross-functional meetings and project planning to track progress and deliverables

Full-Stack Engineer

Feb 2026 – Present

Behn Meyer Agricare (Industry Client)

- Built a retailer loyalty and sell-out management system supporting supply chain workflows across regions
- Designed backend APIs and PostgreSQL schemas enabling structured tracking of transactions and consultations
- Deployed services on AWS, improving system reliability and supporting scalable data access
- Collaborated in a team of 4–6 engineers to deliver modular and production-ready system components

Front-end Developer

Feb 2026 – April 2026

Latino Business Association at UCSB (Client)

- Implemented homepage and recommendation system, improving navigation and reducing user drop-off
- Developed responsive frontend components for a 100+ attendees live event website used by UCSB Latinx Business Association (UCSB Weekender event)
- Delivered production-ready UI features under client design and usability constraints

PROJECTS

PromptParty | FastAPI, GraphQL, Neo4j, PostgreSQL

2025

- Developed backend systems supporting user posts, follows, and interactions in a graph-based architecture
- Optimized graph queries, reducing response latency by ~20% under concurrent workloads
- Designed scalable APIs to efficiently handle complex relationship queries and user activity

Property Assessment ML Pipeline | Python, scikit-learn

2025

- Built ML pipeline on 200k+ records with feature engineering and model training
- Achieved RMSE of ~0.60 and identified model bias across neighborhoods and price segments

Digit/Language Classification ML Model | Pytorch

2025

- Implemented perceptron and neural network models for classification and function approximation
- Improved model accuracy and generalization through feature engineering and parameter tuning

Shanghai American School Second-Hand Marketplace | Django

2023 – 2024

- Built full-stack marketplace platform supporting authentication, listings, and database operations
- Deployed application to cloud infrastructure, enabling real-user testing and interaction
- Obtained over 150 student users

TECHNICAL SKILLS

Languages: Python, Java, C, SQL, TypeScript/JavaScript

Backend / APIs: Django, FastAPI, Node.js, REST APIs, GraphQL

Frontend: React, HTML, CSS

Databases: PostgreSQL, Supabase, Neo4j

Systems: TCP/IP, HTTP, DNS, Routing, Network Protocols

Cloud / Infra: AWS (deployment, storage), Supabase (auth, storage)

Machine Learning: pandas, NumPy, scikit-learn, PyTorch, TensorFlow

Tools: Git, Jupyter Notebook, Unix/Linux