

Emily Yu

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Experience

NXP Semiconductors

Fullstack GenAI Engineer

Remote · Apr 2025 - Jun 2026

- Maintained custom features for LibreChat-based GenAI platform across RAG, plugins, agents, and authentication
- Supported platform upgrades while preserving workflows for document ingestion, agent management, and access control
- Built reusable file upload and document management workflows used across 20+ customized LLM agents
- Developed document ingestion features for duplicate handling, retry states, API integration, history tracking, and file removal
- Led frontend development for Microsoft Teams access to the internal GenAI platform
- Served as primary technical contact for Accenture adoption and supported company-wide Promptathon operations

TLDR Media

Software Engineer

Remote · Apr 2024 - May 2024

- Built Next.js and Supabase endpoints to manage user email subscriptions, integrating with the mailing service and ensuring reliable data storage, which improved subscription handling reliability and reduced errors
- Deployed 4 PostHog A/B test results and fixed interface rendering issues across core product

Confluent

Software Engineer

Mountain View, CA · Aug 2022 - Aug 2023

- Contributed 3 features to Stream Sharing and supported product launch
- Increased system test coverage for over 30 microservices by 300% by adding automated tests with FastAPI and Kubernetes debugging, improving release confidence
- Modularized test infrastructure and documented processes for adding new endpoints
- Led metrics migration from Datadog to New Relic

Stream Engine

Lead Software Engineer

Irvine, CA · Jan 2022 - Dec 2022

Software Engineer

Irvine, CA · Oct 2020 - Dec 2021

- Reconciled client requirements with product roadmap, leading to 2 successful partnerships
- Led team of 6 engineers to develop analytics platform with Next.js and Google Cloud functions
- Developed analytics functions using Pandas and Scikit-Learn to deliver 30+ metrics for 4 clients

Confluent, Stream Engine

Software Engineering Intern

Irvine, CA · May 2021 - Aug 2021

Built Stream Sharing proof of concept using React, Redux, Django, AWS, and DynamoDB

MetLife

Software Engineering Intern

May 2020 - Aug 2020

Built .NET, React Native, Angular.js, and Electron components across internal systems and ServiceNow workflows

Tencent America

Business Analytics Intern

Jun 2019 - Aug 2019

Researched competitor and audience trends and presented product recommendations to Board of Directors

Flipword

Software Engineering Intern

Jan 2019 - May 2019

Implemented Chrome extension UI features and d3.js visualization for language learning mastery

Education

New York University

Aug 2018 - May 2022

B.S., Computer Science, minor in Game Engineering

- **Coursework:** Head of Logistics at HackNYU, Human Computer Interaction, AI

Skills & Interests

- **Languages:** TypeScript, JavaScript, Python, SQL, HTML/CSS
- **Frontend:** React, Next.js, Redux, Tailwind CSS, Chakra UI, React Native, Angular
- **Backend & AI:** Node.js, Express, Django, FastAPI, PostgreSQL, Supabase, REST APIs, LibreChat, RAG, LLM gateways
- **Cloud, DevOps & Auth:** AWS CodeCommit & CodePipeline, Docker, Kubernetes debugging, Google Cloud Functions, Git, Microsoft Teams SDK, MSAL, OAuth, SSO, Microsoft Entra ID / Azure AD, Datadog, New Relic

Volunteering & Projects

Major League Hacking

Jan 2019 - Present

Developer Advocate

- Represent 5+ sponsors and oversee teams of 10+ organizers at global hackathons with 1000+ participants
- Write technical pieces for sponsor promotion and hacker engagement promoted on company social media