

Annie Qiu

annierqiu@gmail.com | annieruiqiu.com | (603) 266 7389

WORK EXPERIENCE

Palantir

July 2025 – Present

Forward Deployed Software Engineer, Commercial

New York, NY

- Scoped and built a **probabilistic forecasting system** for **Skydio**, replacing a manual S&OP process — using Python transforms and TypeScript Functions to power a user-facing scenario builder where RevOps compares forecasts and configures deal/product assumptions
- Currently building a **production planning tool** for Skydio to allocate backlog and forecasted demand across manufacturing capacity and supply constraints
- Built an **LLM-based RFP automation tool** on Foundry for a Fortune 500 company using document extraction and semantic matching against past proposals for **200+ RFPs (\$20M+ in won contracts)**
- Iterated with the client's UX team and user base of 50+ sellers and proposal managers to ship user-uploaded knowledge base, intelligent document structure extraction, and export functionality; led technical handover to the client's engineering team

Dartmouth College

Sep 2024 – Jun 2025

Studio Art Teaching Fellow

Hanover, NH

- Teaching assistant for painting, sculpture & architecture courses; monitored studio facilities, mentored 60+ students

Databricks

Jun 2023 – Sep 2023

Software Engineering Intern, Serverless Compute

San Francisco, CA

- Designed and implemented **spot-instance support for Databricks Serverless**, allocating a configurable split of spot and on-demand instances across Spark clusters; integrated the feature with the existing serverless architecture of independent executor pod pools, allowing users to **reduce instance costs up to 90%** for workloads under a **cost-optimized mode**
- Authored and presented a 20+ page technical design document detailing spot-instance integration to the engineering team

DALI Lab Digital Applied Learning and Innovation Lab

Sep 2021 – Jun 2024

Designer, Developer & Education Lead

Hanover, NH

- Designed and built a **full-stack web app** (React, Redux, Ruby on Rails) for Dartmouth's required 4-year sexual violence prevention program with student & admin views, supports session registration and curriculum management for **4,000+ users**
- Implemented **authentication and role-based permissions** across multiple admin access levels, integrating with Dartmouth's internal student/employee API to manage curriculum assignment logic across a permissioned user base
- Designed UI/UX and illustrations for an interactive financial aid storytelling site, commissioned by **Dartmouth's Board of Trustees**, and a tablet app for a clinical smart-microscope tool partnered with **Dartmouth Hitchcock Medical Center**
- Led workshops and mini-series teaching UI/UX design and full-stack development to 60+ students

Dartmouth College

Mar 2023 – Jun 2023

CS Teaching Assistant, Object-Oriented Programming

Hanover, NH

- Led weekly recitation sections and office hours; graded problem sets, exams, and short assignments; taught Java, debugging, algorithms, data structures, and time complexity

EDUCATION

Dartmouth College

Sep 2020 – Jun 2024

B.A. Computer Science, Studio Art (GPA: 3.94/4.0)

Hanover, NH

Phi Beta Kappa (Top 10%), 5 citations of academic excellence across full-stack web development and studio art classes

SKILLS

TypeScript, JavaScript, Python, SQL, Ruby, Java, Scala, C, React, Redux, React Native, Ruby on Rails, Node.js, Git, Docker, Kubernetes, MongoDB, Bash, Palantir Foundry