Frank Lin

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EDUCATION

New York University *New York, NY*
B.A. Mathematics & Computer Science *May 2028*
GPA: 3.75/4.00

EXPERIENCE

TechTreks Member → Incoming Dev Team Lead *New York, NY*
Tech@NYU *2025 – present*
- Completed workshops on full-stack development, version control, and team-based engineering workflows
- Collaborated with peers on guided technical projects, emphasizing code quality and iterative development
- Selected as 1 of 2 Dev Team Leads for Spring 2026; preparing curriculum and onboarding materials for new members

Volunteer SAT Tutor *Remote*
Schoolhouse.world *2023 – present*
- Tutored SAT Reading/Writing to 28 learners worldwide; ranked top 10% in tutoring hours
- Designed tailored lessons and assessments aligned to learner performance needs
- Received 120+ positive learner ratings, demonstrating effectiveness and clarity

Software Officer *Newport Coast, CA*
FIRST Robotics Competition — Sage Hill *2022 – 2024*
- Programmed intake subsystem and autonomous navigation paths to improve scoring reliability
- Onboarded and trained 8 new members in Java, OOP, and debugging workflows

Key Volunteer *Newport Coast, CA*
Sage Hill Math Field Day *2023 – 2024*
- Co-authored 3 AMC 8-like math exams and designed engineering challenges
- Coordinated 20+ volunteers and managed logistics for 167 middle school participants
- Streamlined event operations under budget and scheduling constraints

PROJECTS

Sidequest | *Expo, Node.js, MongoDB*
A full stack mobile app that uses LLMs to generate weekly challenges to complete around NYC with your friends.

Conscience AI | *Python, Flask, JavaScript, HTML, CSS, OpenRouter, ElevenLabs*
A privacy-first, on-device accountability coach that extracts high-level context from screen activity and lightweight webcam attention signals and delivers real-time, LLM-powered voice feedback.

Wiki Racer | *Python, PyTorch, SBERT, NLTK*
An agent designed to find the shortest path between two Wikipedia pages without brute force using a semantic similarity heuristic.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, Lua, C++

Frameworks: React, Expo, Node.js, Flask, PyTorch

Interests: Piano performance (13yrs classical experience), photography, acapella, NYT crosswords