

Monica Alexandra Yupa

Product Engineer • Educator • Entrepreneur

New York, NY | monica.yupa@gmail.com | (347) 791-9741 | GitHub: [MonicaYupa](#)

SKILLS

Technical: Python, React, TypeScript, Node.js, PostgreSQL, JavaScript, HTML/CSS, Prompt Engineering

Core: Data-Driven Strategy, Learning Experience Design, Assessment Design, Customer Enablement

WORK EXPERIENCE

Inkwire — Co-Founder & Chief Product Officer

05/24 - 11/25

Built and scaled an AI-powered learning experience design platform helping K-12 school districts adopt project and mastery-based learning at scale.

- Architected and implemented complete LLM-powered platform end-to-end: prompt orchestration backend, RAG infrastructure, & frontend interfaces enabling district-specific customization at scale
- Built custom data models to enable accurate learning outcome tracking
- Defined and executed the product roadmap through rapid experimentation and user feedback loops, driving 11x user growth (800 → 9K) and 19x engagement growth (1K → 20K learning designs created).
- Scaled ARR from \$30K → \$200K while expanding adoption from 2 → 21 school districts and nonprofit partners.

Byteboard, Inc — Product Engineer (Assessments)

02/22 - 04/24

Designed work-sample-based technical interviews for client-specific engineering roles and hiring goals.

- Developed backend, web, applied AI, security, and staff-level software engineering interviews (in Python, JavaScript, TypeScript, and React), achieving company's highest fairness & validity metrics
- Defined repeatable workflows for exploring undefined product spaces including user research, rapid prototyping, and launch planning to successfully ship 3 new assessment products
- Increased hiring impact and perceived fairness (4.4/5 overall candidate satisfaction) through improved grader calibration, structured feedback loops, and iterative assessment design.
- Created scalable enablement programs and resources (e.g. candidate prep guides, customer webinars) for diverse user populations.

Oakland Unified School District — Founding CS Teacher, Electives Department Chair 08/18 - 02/22

- Designed and taught the school's new Computer Science program serving 300+ students annually, including project-based learning units in AI, web development, and creative computing.

PricewaterhouseCoopers LLP — Technology Consultant Intern, CODE2040 Fellow

06/16 - 08/16

Google

- *Software Engineering Intern — Media Ads* 06/15 - 09/15
- *Software Engineering Intern — Google Play* 06/14 - 09/14

EDUCATION

Stanford University

M.A. in Education — Stanford Teacher Education Program (Secondary Education)

June 2018

B.S. in Computer Science — Human-Computer Interaction, Minor in Education

June 2017