

# JORDAN SANZ

New York, NY · 432-260-6600 · [jtsanz19@gmail.com](mailto:jtsanz19@gmail.com)

[linkedin.com/in/jordansanz](https://linkedin.com/in/jordansanz) · [github.com/jordantsanz](https://github.com/jordantsanz) · [jordansanz.me/](https://jordansanz.me/)

## WORK EXPERIENCE

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Beli, New York, NY

Jan. 2025 – Jan. 2026

*Software Engineer (Engineer #3 - Full Stack + Machine Learning) - Featured in [NYT](#), [WSJ](#), [Forbes](#)*

- Architected a real-time recommendation engine scoring **100k+ businesses/request** with **<1.5s latency** (PySpark ALS, Django, Cloud Run)
- Built a **photo-quality scoring pipeline** processing **30k images/day** to rank user-generated content using CLIP, EasyOCR, and CV heuristics
- Implemented **Cloud Tasks-based push notifications**, delivering millions of messages/week on optimized schedules
- Improved reliability with pgbounce pooling, Cloud SQL replicas, monitoring, and rate limiting, **eliminating recurring latency spikes**
- Conducted Locust load testing to simulate **thousands of users across ~50 APIs** to identify performance bottlenecks
- Developed **Angular frontend features** and a **Swift iOS Share Extension**, expanding product surface with bookmarking and external entrypoints

Esri, New York, NY

Jul. 2022 – Jan. 2025

*Full-Stack Software Engineer II (Sept. 2023 - Jan. 2025), Full-Stack Software Engineer I (Jul. 2022 - Sept. 2023)*

- Developed React/TypeScript metric-sharing platform with **83% adoption in first month**
- Led AI assistant research with CTO, launching public beta with DC Government and [securing media coverage](#)
- **Managed a 4-engineer team** as stand-in Product Engineer and Software Developer Lead
- Optimized **React/TypeScript** form editor subsystem, reducing page load wait times by **60%**
- **Led 7-member team** through Scrum process improvements, achieving a **90% sprint success rate** (up from 30%)

Visa, Austin, TX

Jun. 2021 – Sep. 2021

*Full-Stack Software Developer Intern, Digital Developer Platform Team*

- Built notification service (React/TypeScript + Spring + SQL), implementing 17 use cases and REST API support
- Collaborated with product and engineering to define notification behavior, accelerating release timelines for internal users

## TECHNICAL COMPETENCIES

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**Frontend:** TypeScript/JavaScript, React, Angular, React Native, Swift, HTML/CSS

**Backend:** Python, Django, Node, SQL, Java, Spring

**Cloud & Infrastructure:** Cloud Run, Cloud Tasks, Cloud SQL, Cloud Load Balancing, VPC Networking, GCS, Docker, AWS

**Domains:** Full-Stack Development, AI/ML Pipelines, Cloud Infrastructure, CI/CD, Distributed Systems, System Design, Frontend Architecture, Technical Leadership

## EDUCATION

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Dartmouth College, Hanover, NH

GPA 3.76 / 4.0

*Bachelor of Arts in Computer Science and Quantitative Social Science (High Honors), Cum Laude*

## VOLUNTEERING AND PUBLICATIONS

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**Lasagna Love:** Lead Volunteer Software Engineer for international non-profit food-sharing organization Aug. 2023 – Aug. 2024

[\*\*“From measures to action: can integrating quality measures...”\*\*](#), BMJ Health & Care Informatics Jun. 30, 2023

**“Improving music education using biofeedback-based cognitive tutoring”**, Senior High Honors Thesis Jun. 2022