

GENEVIEVE SANDERS

Full-Stack Software Engineer

@ CONTACT INFO

📍 New York, NY

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🎓 EDUCATION

Bachelor's degree
Neuroscience & Behavior

**Columbia University -
Barnard College**

📅 September 2018 - May 2022

📍 New York, NY

🎓 3.76 GPA

- Dean's List Honors: Spring 2019, Fall 2020, Spring 2021, Fall 2021
- Recipient of Faculty Recognition Prize for Excellence in Neuroscience

★ SKILLS

- JavaScript (React, TypeScript)
- AWS (S3)
- SQL (PostgreSQL) and database management (DBeaver)
- REST APIs (GraphQL, Postman)
- Python
- Git/GitHub
- Responsive Mobile-Friendly Web Design (HTML/CSS)
- Salesforce Integration Architecture (Apex)
- AI agentic tools (Cursor, Claude Code)

👤 WORK EXPERIENCE

Xometry

Software Engineer II

📅 August 2023 - current

- Collaborate daily with cross-functional teams - including design, product, operations, sales, QA, and other engineering teams - to coordinate development priorities and iterate on product features.
- Engineered a full-stack internal messaging system, building a filterable inbox with Ant Design components and Webpack-based modularity on the front-end, and flexible cookie/bearer-token authentication with full Salesforce data sync on the back-end.
- Regularly own production issue triage and resolution as part of an on-call rotation, using Segment to manage feature rollouts safely, Coralogix for root-cause analysis, and Incident.io/Opsgenie to coordinate incident handling across teams.
- Promoted from Junior Software Engineer to Software Engineer II within 12 months due to strong performance.

Junior Software Engineer

📅 August 2022 - August 2023

- Built an internal operations dashboard enabling real-time visibility into hundreds of concurrent jobs, implementing efficient search and team-based filtering while optimizing back-end queries to prevent performance bottlenecks.
- Implemented a secure bulk file upload system with built-in identification and sequestration of export-controlled data under International Traffic in Arms Regulations (ITAR), ensuring full regulatory compliance and mitigating legal risk.

Barnard Vision Lab

Neuroscience Research Assistant

📅 January 2021 - June 2022

- Served as founding engineer for the lab's web-based experiments (Python, JavaScript) investigating the neuroscience of reading.
- Designed and managed virtual experiment workflows to coordinate 50+ global participants.
- Conducted senior thesis research on the "Negative Effects of Redundant Targets," accepted for publication in the Journal of Experimental Psychology: Human Perception and Performance.

Educational Neuroscience App

Cofounding Engineer

📅 October 2021 - May 2022

- Built a full-stack educational web app (React, HTML/CSS, Python Django) to accompany Barnard College's "Introduction to Neuroscience" course material.
- Created an interactive practice test generator that would randomly select topic-tagged test questions from a database, time and score user's performance, and offer feedback and suggestions for further studying.