

Josephine Nguyen

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Software Engineer

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Education

Drexel University, Pennoni Honors College
Bachelor of Science in Software Engineering, Summa Cum Laude
Minors in Human Computer Interaction and Linguistics

Philadelphia, PA

June 2024

Honors and Awards

Founder's Scholarship, Drexel University, 2020 - 2025
Valedictorian, Nazareth Academy High School, 2020
National AP Scholar, College Board, 2020
NCWIT Award for Aspirations in Computing, NCWIT, 2020
Mu Alpha Theta, Mu Alpha Theta Honor Society, 2017 - 2020

Technical Skills

Java | Python | JavaScript | TypeScript | React | Next.js | Node.js | HTML/CSS | PHP | MySQL
PostgreSQL | REST APIs | Git | WordPress | Notion | Adobe Creative Cloud | Canva | Agile

Experience

MicroSociety Inc.

Philadelphia, PA

Digital Product Developer & Account Manager

June 2024 - Present

Volunteer

September 2023 - June 2024

Digital & UX/UI Designer

April to September 2023

- Designed and built features to enhance digital learning for students and teachers
- Translated feedback into product improvements across UX, backend, and infrastructure
- Created technical documentation and project plans to support handoff, scalability, and team collaboration
- Facilitated hands-on trainings and created onboarding resources to ensure smooth platform adoption across teams
- Redesigned the organization's main website to modernize structure and branding

Drexel University

Philadelphia, PA

Product Owner/Full-Stack Developer

January 2021 - June 2024

- Led development of an AI-powered job insights tool for personalized career guidance
- Directed team projects, including a productivity app with quiz and calendar features
- Coordinated sprint planning, stakeholder demos, and technical implementation

Southeastern Pennsylvania Transportation Authority (SEPTA)

Philadelphia, PA

Crime Statistics Analyst

March to September 2022

- Developed a geocoder in Microsoft Excel to accelerate data acquisition
- Queried and managed SQL-based crime datasets for internal reporting
- Produced insights to inform transit safety and policing strategies