

# XIAOCHEN (NIGEL) LU

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## EDUCATION

**New York University** Sept. 2023 – May 2025 (Expected and can be Earlier)  
*M.S. in Computer Science*, merit-based scholarship of \$6,000/year.

**New York University** Sept. 2019 – May 2023  
*B.S. in Data Science, minor in Computer Science*, GPA: 3.91/4.0

- Honors & awards: *Magna cum Laude*, *NYU Honors Scholar*

- **Computer vision researcher** focusing on semantic segmentation in few-shot learning scenarios

**Relevant courses:** *Applied Internet Technologies* (React), *Data Structures*, *Databases*, *Computer Architecture*, *Algorithms*, *Software Engineering* (agile dev using Scrum), *Intro to Java* (multi-thread, Spring Boot, Maven)

## SKILLS

- Programming: Proficient in **JavaScript**, **Python**, **Java**, and **SQL**, familiar with **Bash**.

- Development: Familiar with **ReactJS**, **NodeJS**, **Django**, **Django Rest Framework**, **Spring Boot**, **Agile** (scrum), **CI/CD** (Travis CI + AWS), **Git**, **VS Code**, **IntelliJ**, knowledge on **Docker** and **AWS**.

## PROFESSIONAL EXPERIENCE

**Kaizntree Co., Co-founder, Full-stack Engineer** Sept. 2021 – Present  
*Co-founded Kaizntree: solution provider for a one-stop management platform for small businesses*

- **Kaizntree Small Business Management Platform**

- Built a comprehensive management platform powered by VueJS, Django, and PostgreSQL for 50+ small businesses, seamlessly integrating with major sales channels like Shopify, Square, Etsy, Xerox
- Combined Django Rest Framework with agile development (scrum) and CI/CD, allowing Kaizntree to resolve customer feedbacks under 48 hours and build a wholesale workflow from scratch under 7 days

- **NYU Summer Launchpad**

- Stood out in the 2023 NYU Summer Launchpad program and won the 2023 NYUxYale Startup Competition, where Kaizntree was awarded 1-on-1 mentorship from established entrepreneur coaches
- Secured a \$10,000 non-dilutive funding and \$15,000 in AWS credits, which have been used to expand Kaizntree's server capacity to provide customers a smoother experience
- Picked by two investors and received a total of \$30,000 investment

**eBay Inc., Software Engineering Intern** Sept. 2022 – Aug. 2023  
*Drove innovative project initiatives, modernized UIs, automated tasks for infrastructure engineering*

- **Average-Time-to-Business (ATB) Dashboard**

- Conceptualized and proposed a web-based ATB dashboard for live monitoring of clusters and ongoing change requests (CRs), enabling efficient tracking of past issues and reducing issue/crisis response time on cloud servers
- Spearheaded the development of the ATB dashboard as a Redux + ReactJS + Django application
- Benefited over 100 infrastructure engineers with improved incident response time, streamlined rollout processes, and better operational efficiency

- **KeyHub (Community's Email UI for Encrypted Password Exchange)**

- Led the migration of eBay's KeyHub UI from Vue to React to align with eBay's tech stack
- Upgraded KeyHub's encryption library to conform with the latest OpenPGP standard, fortifying security for password exchange across eBay's infrastructure team
- Integrated KeyHub into eBay's cloud console UI using JS-Plugin, further enhancing user experiences

**Expsoft Ltd., Software Engineering Intern** May 2021 – Sept. 2021

- **Expsoft Auditing Platform**

- Leveraged the power of Springboot and Maven to build resilient and user-friendly auditing platforms for governments and civil construction companies
- Secured a project from Soochow government worth \$250,000 to supply customized audit platform