

XIAOCHEN (NIGEL) LU

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EDUCATION

New York University Sept. 2023 – May 2025
M.S. in Computer Science, recipient of a prestigious, merit-based scholarship of \$6,000/year.

New York University Sept. 2019 – May 2023
B.S. in Data Science, double major in Finance, with a minor in Computer Science.

GPA: 3.91/4.0 cumulative; 3.96/4.0 Data Science major

- 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* (full-stack dev), *Data Structures*, *Databases*, *Computer Architecture (concurrency)*, *Algorithms*, *Software Engineering* (agile dev), *Intro to Java (multi-thread, Spring Boot)*, *Machine Learning*

SKILLS

- **Lingual:** proficient in English and Chinese speaking/writing
- **Computer OS:** Advanced user level in Ubuntu (Linux), Windows 10/11, macOS X till latest.
- **Office & G-Suite:** familiar with Office suite and Google suite (e.g., Google sheets, PowerPoint, etc.)

ON-CAMPUS EXPERIENCE

Chinese Admissions Ambassador, NYU Shanghai Admissions Office Oct. 2019 to May 2023

- Hosted or co-hosted online/in-person panels for information sharing and advertising admissions events
- Led weekly campus tours during weekends and present NYU Shanghai to potential students and their parents
- Assisted in admission process by performing data analysis on applications and provide quantitative insights
- Provided information to and resolve application issues of potential students via the admissions hotline

Resident Assistant, NYU Shanghai Office of Residential Life Aug. 2020 to Jun. 2021

- Oversaw a residence hall with 688 residents and developed a safe and inclusive community for 49 students
- Connect and collaborate with different departments/other RAs to hold meaningful on-campus events for residents
- Shouldered responsibilities like bulletin board, resolving residence hall issues, assessing and escalating crisis

VOLUNTEER EXPERIENCE

English Teacher, Steppingstones Shanghai Oct 2019 to Dec 2019

- Teach English in a class of 52 elementary-level children of migrant workers to promote education equality.

PROFESSIONAL EXPERIENCE

Kaizntree Co., Co-founder, Full-stack Engineer Sept. 2021 – Present

Co-founded a powerful 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, etc.
 - Combined Django's backend wizardry with agile development (scrum) and CI/CD, allowing Kaizntree to resolve customer feedbacks under 48 hours and build a wholesale workflow from scratch within two weeks.
- **NYU Summer Launchpad**
 - Stood out in the 2023 NYU Summer Launchpad program and won the 2023 NYU x Yale Startup Competition, a testament to Kaizntree team's dedication and strong technical foundation
 - Secured a \$10,000 non-dilutive funding and \$15,000 in AWS credits

eBay Inc., Software Engineering Intern at Infrastructure Engineering Team 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-powered 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