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, Information Visualization*

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