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