XIAOCHEN LU

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OBJECTIVE

Dedicated and results-driven computer science graduate with a strong foundation in software development and a keen interest in financial technology, actively seeking opportunities to contribute my skills.

EDUCATION

New York University, Tandon School of Engineering   New York, NY | Sep 2023 – May 2025
M.S. in Computer Science, recipient of merit-based scholarship of $6,000/year.

New York University, NYU Shanghai   Shanghai, China | Sep 2019 – May 2023
B.S. in Data Science, double major in Business & 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*; *NYU Shanghai Excellence Award*.

Relevant courses (B.S. and M.S.): *Applied Internet Technologies* (full-stack dev), *Data Structures*, *Databases*, *Computer Architecture*, *Algorithms*, *Software Engineering*, *Intro to Java*, *Equity Valuation*, *Corporate Finance*, *Accounting*, *Economics of Global Business*, *Info Tech*.

SKILLS

- Lingual: Fluent in English (with strong technical communication skills), Native in Chinese.
- Programming Languages: Proficient in JavaScript and Python, and familiar with Java.
- Development Tools: Familiar with Git VCS, Bash, ReactJS, VueJS, Django, and Spring Boot.

PROFESSIONAL EXPERIENCE

eBay Inc.,   Sep 2022 – Aug 2023
Software Engineering Intern at Infrastructure Engineering Team   Shanghai, China
Drove innovative project initiatives, modernized UIs, automated tasks for infrastructure engineering.
- **Average-Time-to-Business (ATB) Dashboard**
  o Conceptualized and proposed a web-based ATB dashboard for real-time monitoring of clusters and ongoing change requests (CRs), enabling efficient tracking of past issues and team performance.
  o Spearheaded the development of the ATB dashboard as a Redux-powered ReactJS application.
  o Benefited over 100 infrastructure engineers through reducing incident response time by over 15%, streamlining rollout processes, and improving operational efficiency.
- **KeyHub (Community's Email UI for Encrypted Password Exchange)**
  o Successfully migrated eBay's KeyHub UI from Vue to React to align with the company's tech stack.
  o Upgraded KeyHub's encryption library to conform with the latest OpenPGP standard, fortifying security for password exchange across eBay's infrastructure team.
  o Integrated KeyHub into eBay's cloud console UI using JS-Plugin, promoting cohesive user experiences.
- **L7 Rule Configuration UI**
  o Orchestrated an intuitive UI for automating L7 rule configuration for eBay's cloud platform, reducing configuration time by more than 70%.
  o Engineered real-time form validation via API calls and a seamless form auto-filling mechanism.
- **Tess.io Virtual IP (VIP) Migration UI**
  o Created the UI for automating migration of Kubernetes-based Tess.io virtual IPs to new load balancers.
  o Designed reusable and highly scalable components that can accommodate future use-case changes.
  o Led the implementation of an intuitive task dashboard enabling users to track migration task updates.

Kaizntree Co.,   Sep 2021 – Present
Co-founder and *Full-stack Engineer*   New York, NY & Remote
Co-founded a powerful one-stop management platform for small businesses and secured prestigious funding at NYU Summer Launchpad.
- **Kaizntree Small Business Management Platform**
  o Built a comprehensive management platform powered by VueJS, Django, and PostgreSQL for 40+ small businesses, seamlessly integrating with major sales channels like Shopify and Square.
  o Leveraged Django's lightning-fast backend wizardry for agile development and CI/CD.
- **NYU Summer Launchpad**
  o Stood out in the prestigious 2023 NYU Summer Launchpad program and secured a $10,000 non-dilutive funding and $15,000 in AWS credits, a testament to our team's dedication and strong technical foundation.