

**EDUCATION**

**New York University**, Tandon School of Engineering  
*M.S. in Computer Science*, awarded a scholarship of \$6,000

New York, NY  
 Sep 2023 – May 2025

**New York University**, NYU Shanghai

Shanghai, China

*B.S. in Data Science, minor in Computer Science*

Sep 2019 – May 2023

*One-year study-away at New York University, New York Campus*

Sep 2021 – May 2022

- Cumulative GPA: 3.9/4.0, Data Science Major GPA: 3.96/4.0
- Honors & awards: Magna cum Laude, NYU Honors Scholar, NYU Shanghai Excellence Award
- Courses: Applied Internet Technologies, Data Structures, Databases, Information Visualization, Computer Architecture

**SKILLS**

- **Lingual:** proficient in English and Chinese speaking/writing
- **Programming:** Intermediate level in Python, JavaScript, Git VCS; an advanced beginner in Linux terminal and a beginner with C++ and Java.
- **Office & G-Suite:** familiar with Office suite and Google suite (e.g., Google sheets, PowerPoint, etc.)

**ON-CAMPUS EXPERIENCE**

*Chinese Admissions Ambassador, NYU Shanghai Chinese 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 the admission process by performing data cleaning/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.
- Reached out to and collaborate with different departments/other RAs to hold meaningful on-campus events for residents.
- Shouldered responsibilities like bulletin board, resolving issues resident may encounter, assessing and escalating crisis.

**VOLUNTEER EXPERIENCE**

*English Teacher, Steppingstones Shanghai*

Oct 2019 to Dec 2019

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

**PROFESSIONAL EXPERIENCE**

**eBay Inc.**, *Software Engineering Intern*

Shanghai, China

*Built, improved, and redesigned some of eBay's cloud platform UIs*

Sep 2022 – Jul 2023

- **Average-Time-to-Business (ATB) Dashboard**
  - Proposed a web-based dashboard for live monitoring of cluster status and on-going CRs.
  - Led the implementation of the ATB dashboard as a modern single-page application by employing Redux, Antd UI library.
  - Updated the dashboard periodically to cater to different needs, serving a team of over 60 infrastructure engineers.
- **KeyHub (encrypted email UI for password exchanges)**
  - Migrated eBay's KeyHub from Vue to React to align with eBay's frontend tech stack.
  - Upgraded KeyHub's encryption library to the latest OpenPGP for enhanced security.
  - Refactored over 95% of the code for reduced API calls, faster rendering speed, and ease of use (tooltips and feedback).
  - Integrated the new KeyHub to eBay's cloud console UI as a plugin using JS-Plugin.
- **Public L7 Rule UI**
  - Built an extremely user-friendly UI for configuring and viewing the status of public L7 rules on eBay's cloud platform.
  - Embedded helpful validation feedback for most fields in the L7 rule form via API calls (async)/Regex (real-time).
  - Designed a robust auto filling mechanism to manage the complex dependencies/relationships between fields.
- **Tess.io VIP Migration**
  - Set up a migration UI from scratch for automating VIP (virtual IP) service migrations to new load balancers.
  - Thoughtfully designed reusable and easily scalable components to tolerate use-case changes/future functionality upscales.
  - Build a task dashboard for users to view past/current migration tasks associated with a service.

**Kaizntree Ltd.**, Full-stack Engineer

New York, NY & Remote

*Established a startup building a one-stop management platform for small businesses (website [here](#))*

Sep 2021 – Sep 2022

- **Kaizntree UI & Backend**
  - Adopted VueJS combined with Vuetify component library to offer users a consistent and fluid UI experience.
  - Carefully designed and delivered a one-stop platform covering needs from inventory transaction processing, product building and sales to item tracking via QR codes, helping over 40 small businesses to manage their workflow.
  - Leveraged Django's versatility to build backend services that support rollbacks and agile responses to allow safer version iterations and cater to evolving user demands.
- **NYU Summer Launchpad**
  - Got selected to the 2023 NYU summer launchpad under our team's effort and strong technical foundation.
  - Received a \$10,000 non-dilutive funding and \$10,000 AWS credits for running our online platforms.

**RESEARCH & PROJECTS**

**Few-shot Segmentation with Adaptive Data Augmentation and Cross Attention**

NYU Shanghai

*Research Assistant mentored by [Professor Li Guo](#). Co-authored a paper and submitted to CVPR 2023*

Mar 2022 to May 2023

- Proposed an instance-aware data augmentation strategy.
- Incorporated a 4-D consensus cross attention module to align query and support features for improved generalization ability.