Raymond **Luo**

SOFTWARE ENGINEER

☎ 425-394-2960 | ✉ ray.luo@nyu.edu | ⌨ erhuve | in ~ray

Education

New York University   *New York, NY*

B.A. IN COMPUTER SCIENCE AND MEDIA STUDIES   *Sep. 2019 - May. 2023*

- 3.91 GPA - Dean's List
- Coursework: Algorithms, Data Structures, Computer Systems Organization, Client-side Internet Technologies, Critical Approaches to Information Visualization, Computer Graphics, Social Networks, Probability & Statistics, Planned: Machine Learning, Computer Networking

Experience

Meta   *New York, NY*

SOFTWARE ENGINEER INTERN, DATING RANKING ENG   *May 2022 - Aug. 2022*

- Redesigning key components in candidate retrieval funnel

Spectrum Labs   *San Francisco, CA*

SOFTWARE ENGINEER INTERN, GUARDIAN MODERATION QUEUE   *Jan. 2022 - Present*

- Implemented foundational work for role-based access control
- Developed two internal features that improved efficiency and scalability
- Implemented quality of life features which saved users up to 10 minutes per moderation session

Facebook   *Menlo Park, CA*

SOFTWARE ENGINEER INTERN, CLOUD GAMING INFRA   *Jun. 2021 - Aug. 2021*

- Full-stack development of video-based analysis tool; findings from tool resulted in driving engagement up 10% on third party developer's game
- Tuned parameterization for scripts involving computer vision and clustering

NYU Courant Institute of Mathematical Sciences   *New York, NY*

DATA STRUCTURES TUTOR   *Sep. 2020 - Jan. 2021*

- Tutored students 10 hours/week in Data Structures (Java), assist with homework & test preparation

Social27 Inc.   *Redmond, WA*

DATA & AI INTERN   *May 2020 - Aug. 2020*

- Implemented latent feature matrix factorization ML model to address data sparsity in recommender system
- Revamped client data reports by writing Python script to scrape, clean, and visualize livestream metrics
- Owned coordination between three companies to produce 3000+ attendee virtual event as PM+CSM

Projects

Flower Shop: A Discord Ticketing Bot   */erhuve/flowershop*

PYTHON   *Feb. 2022*

- Created a Discord bot with friendly interface and UX for users to open tickets to speak with moderators
- Deployed bot to Heroku to run 24/7 for 5k+ member NYU Discord

Mustard: Find the right college for you   *mustard-colleges.herokuapp.com*

PYTHON, FLASK, SELENIUM, HTML, CSS, JAVASCRIPT, FIREBASE   *Aug. 2020*

- Created algorithm to give personalized college recommendations to users based on several parameters
- Wrote script to scrape and clean college data metrics which was then stored in Google Firebase
- Designed and deployed web app with Flask back-end to Heroku

Memorandum Maker: RNN Text Generation   */erhuve/memorandum-maker*

PYTHON, TENSORFLOW, FLASK, HTML, CSS, JAVASCRIPT   *Jun. 2020*

- Defined and trained Recurrent Neural Network on e-mails to generate completely new e-mail text
- Deployed model into Flask web app

Skills

Languages	Python, Scala, Rust, Java, Hack/PHP, C, SQL
Frameworks	Flask, TensorFlow, Selenium, Nuxt
Front-end	HTML, CSS, JavaScript, TypeScript, React, Vue
Tools	git, mercurial, bash, LaTeX