Raymond **Luo**

SOFTWARE ENGINEER

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Education

New York University)	*New York, NY*
B.A. IN COMPUTER SCIENCE AND EDUCATIONAL TECHNOLOGY	*Sep. 2019 - May. 2023*

- 3.92 GPA - Gallatin Dean's List
- Coursework: Data Structures, Computer Systems Organization, Client-side Internet Technologies, Discrete Math

Experience

Facebook	*Menlo Park, CA*
INCOMING SOFTWARE ENGINEER INTERN	*Exp Jun. 2021 - Aug. 2021*

NYU Courant Institute of Mathematical Sciences	*New York, NY*
DATA STRUCTURES TUTOR	*Sep. 2020 - Present*

- Tutor 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 solve data sparsity in recommender system
- Developed two TIZEN applications to collect sample data set and to recognize user exercise on SAMSUNG Gear S.
- 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

Floop Edu	*Seattle, WA*
UX RESEARCH/CONSULTING INTERN	*Dec. 2019 - Feb. 2020*

- Conducted UX research vital to 2020 launch, resulting in acquisition of 8500 (+231%) users in a quarter

Projects

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	*github.com/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 web app, handling GET and POST requests with Flask

Skills

Languages	Python, Java, C, SQL
Frameworks	Flask, TensorFlow, Selenium
Front-end	HTML, CSS, JavaScript
Tools	Git, LaTeX

Leadership

2020-Present	**Moderator**, NYU Discord Community of 1600+ members	*New York, NY*
2020	**Media Officer**, NYU Japanese Cultural Association	*New York, NY*