

# Raymond Luo

SOFTWARE ENGINEER

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## Education

### New York University

B.A. IN COMPUTER SCIENCE AND EDUCATIONAL TECHNOLOGY

New York, NY

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

INCOMING SOFTWARE ENGINEER INTERN

Menlo Park, CA

Exp Jun. 2021 - Aug. 2021

### NYU Courant Institute of Mathematical Sciences

DATA STRUCTURES TUTOR

New York, NY

Sep. 2020 - Present

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

### Social27 Inc.

DATA & AI INTERN

Redmond, WA

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

UX RESEARCH/CONSULTING INTERN

Seattle, WA

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

PYTHON, FLASK, SELENIUM, HTML, CSS, JAVASCRIPT, FIREBASE

[mustard-colleges.herokuapp.com/](https://mustard-colleges.herokuapp.com/)

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

PYTHON, TENSORFLOW, FLASK, HTML, CSS, JAVASCRIPT

[github.com/erhuve/memorandum-maker](https://github.com/erhuve/memorandum-maker)

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