

# YUCHEN ZHOU

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## 🎓 EDUCATION

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**New York University Shanghai** |Shanghai

2020 – Expected May 2024

*Bachelor of Art and Science* Computer Science

**GPA** 3.92/4

*Data Structures* (Grade: A)

*Algorithms* (Grade: A)

*Operating Systems* (Grade: A)

*Introduction to Databases* (Grade: A)

*Computer Networking* (Grade: A)

*Open Source Software Development* (Ongoing)

*Machine Learning (Data Science Graduate Course)* (Ongoing)

## 👥 EXPERIENCE

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**ByteDance 4th Youth Training Camp–Big Data Track**

|Online

Jul 2022 – Aug 2022

*Camp participator* | *Individual final project*

- Completed the Youth Training Camp, learned industry-based bigdata techniques, such as HDFS, Exactly-Once. Wrote stand-alone distributed crawler, with final grade ranked top 25 of the class

**L’Oreal Brandstorm Competition 2022 Top 200 in China Mainland**

|Shanghai

Feb 2022 – May 2022

*In group of 3* L’Oreal Brandstorm 2022 Inclusive Track

- Designed an L’Oreal app for unique customer experience based on facial recognition and scene recognition

## 👥 PROJECT

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**Firefox Open Source Web-extension**

|New York

Feb 2023

- Open Source Software Development course project. In group of 3, went through the whole process of developing an open source project and collaborated using Git.

**Flight Reservation Web Application with MySql Database**

|New York

Nov 2022 – Dec 2022

- Individually completed a web application linked with MySql database to offer service including searching flights, booking flight, viewing revenue, etc. Wrote in Python, HTML and JavaScript.

**Deans’ Undergraduate Research Fund (DURF)–Research Project**

|Shanghai

May 2022 – Sept 2022

- In group of 3, implemented graph embedding applying ShortestPath Method and Laplacian Eigenmap
- Improved “t-SNE” to realize dimension reduction to plot 2D graph

## ⚙️ SKILL

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- Programming: Python, Java, C, HTML
- Other: MySql, Git, Knowledge of open source: LICENSE, CODE\_OF\_CONDUCT, CONTRIBUTING
- Language: Fluent in English