

Ziyuan (Coco) Li

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EDUCATION AND SKILLS

New York University

Bachelor of Arts in Computer Science, GPA 3.71

New York, NY

Expected Dec 2020

- **Minor:** Mathematics, Business Studies
- **Leadership:** Delta Gamma Fraternity Director of Service Hours
- **Relevant Courses:** Data Structures, Algorithms, Operating Systems, Artificial Intelligence, Intro to Machine Learning, Database Systems, iOS Programming, Numerical Analysis, ODE, Theory of Probability, Real Analysis, Math Statistics

Fordham University

Bachelor of Science in Business Administration (Concentration in Finance), GPA 3.80

Bronx, NY

Aug 2016 – May 2018

- **Honors:** Fordham University Emerging Leaders, Woolworth Academic Award, Dean's List, Loyola Scholarship
- **Leadership:** KSA Public Relations, Gabelli School of Business Consulting Cup Challenge Team Finance Lead

Programming Languages & Skills: (proficient): Java, Python, Swift (familiar): HTML, CSS, JavaScript, React, Node.js, PostgreSQL, MongoDB, Objective-C, Android Studio, Git, MATLAB

Languages: English (proficient), Mandarin (native)

RELEVANT EXPERIENCE

Greenway Appliance

Android App Development Intern

Remote

July 2020 – Present

- Technology: Node.js, Express, MongoDB, Android Studio
- Building an efficient system architecture to speed up the company's Android app for data collections and inventory management
- Adding internal governance for the app to identify errors and escalate the errors to the rightful owners with suggested actions
- Designing database schema, updating fields for different roles, and defining hierarchy of logins and information intimations

Rewriting the Code

Rewrite Your Summer Onboard Console Team Leader

Remote

June 2020 – Aug 2020

- Technology: HTML, CSS, JavaScript, React.js
- Led a five-person team focusing on front-end to develop an engaging gamified website for RTC fellows to learn about onboarding process and professional etiquettes
- Organized and hosted weekly team meetings to initiate next goals, assign division of labors, and decide development streams
- Managed communication with back-end team and client to ensure progress and important features are being implemented

Peltast Partners

Data Analyst Intern

Remote

Oct 2018 – Nov 2018

- Technology: Microsoft Power BI, Tableau, Beautiful Soup
- Conducted exploratory data analysis and interactive data visualizations to suggest feasible investment plans for consulting team
- Leveraged data of Hispanic population and purchasing power across different regions in Chicago to help inform a client's expansion strategy in the restaurant space
- Collected and cleaned data of distribution, expenses, income, and admission of Philippine state universities to seek potential investment opportunities under government subsidy in Philippines for an education sector client

ADDITIONAL EXPERIENCE & PROJECTS

Smart Brain Face Detection Website

<https://github.com/ziyuanlicoco/face-detect-application>

New York, NY

Jul 2020 – Aug 2020

- Technology: React, Node.js, PostgreSQL, Heroku
- Developed full stack on a website that uses deep learning neural network ML hooks to detect faces in the photos that users upload

Rhythm: Music Productivity App

<https://github.com/ziyuanlicoco/Rhythm>

New York, NY

Apr 2020 – May 2020

- Technology: Swift, XCode, Git, Firebase
- Created a music scheduler iOS app for users to make daily schedules and use background music as a guide of the schedule, minimizing interaction with phone to avoid distraction

JET for Language Analysis

Independent Study with NLP Project

New York, NY

Sep 2019 – Dec 2019

- Self-studied NYU graduate-level NLP course and researched on name tagging using HMMs and MEMMs and on active learning
- Enhanced the Java Extraction Tool code to collect the recall rate and precision rate of the versions of each model