

Michelle Lin

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SKILLS

Expert in **Java, C, HTML, CSS, Javascript, Git, Figma, Balsamiq, SQL**

Advanced in **Python, React, C++**

Fluent in **English, Mandarin, Cantonese**

Seal of Bi-literacy for **Spanish** on High School Diploma

EDUCATION

Columbia University in the City of New York, *Class of 2021*

Major – Computer Science B.A.

GPA: 3.74, **Dean's List** *Fall 2017, Spring 2018, Fall 2018, Fall 2019*

PROFESSIONAL EXPERIENCE

Columbia Virtual Campus, *summer 2020*

- **Frontend Developer:** Created and debugged features for webpage as part of the Resources Team
- Collaborated with users to provide resources ranging from mental health to COVID-19 guidelines
- Created search bars, filters, and buttons using Javascript, CSS and HTML to allow easier navigation
- Implemented the Design Team's Figma layout and uploaded data to the webpage using Firebase

Wintech Systems, Inc., *summer 2019*

- **Web Development Intern:** Designed the company's business website using Balsamiq and Figma prototypes
- Optimized company databases, introduced efficient and paperless methods for bookkeeping and managing invoices from clients

New York-Presbyterian Brooklyn Methodist Hospital, *summer 2019*

- **Volunteer:** Actively participated in direct patient care under the Summer College Intensive Program

Early Intervention Program of NY (Happy Dragon, Inc), *summer 2018*

- **Case Coordinator:** Developed interpersonal skills as a part of the Case Management Department
- Managed multiple databases in a small team of four, updated therapists' progress reports and session notes, and interacted with a high volume of clients in a fast-paced work environment

ACTIVITIES AND LEADERSHIP

Columbia Mentoring Initiative, *2017-current* (**Mentor** 2018-2020, **Co-Chair** 2020-current)

- Developed leadership skills and provided guidance to mentees regarding Computer Science and courses to take

Columbia University Environmental Biology Society (**Vice President** 2018-current, **Activities Coordinator** 2018)

- Organized executive board meetings and monitored events' progress
- Supervised emails to local environmental organizations and maintained connections with university faculty

Vivace Chamber Singers, *2017-2019* (**Treasurer** 2018-current)

- Solved any financial challenges and analyzed overall transactions to write the yearly financial reports

RELEVANT COURSEWORK

Intro to Databases

- Analyzed large datasets using both relational and nonrelational databases

Computational Linear Algebra

- COVID-19 case prediction: Used autoregressive model, linear regression and polynomial fit in Python to estimate number of future cases of coronavirus
- Dimensionality reduction: Applied principal component analysis to a complex dataset (thousands of images of handwritten digits 0-9) to create clusters of related images and analyze similarities among the digits