

Collin Zhang

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EDUCATION

New York University

B.S. Computer Science; B.S., Business.

Sep 2019 - Jun 2023, New York

Nanjing Foreign Language School

Sep 2016 - Jun 2019, Nanjing

PROJECT EXPERIENCE

CoCreate

Team Leader (Oct 2019 - June 2021)

- An iOS app integrating real-time collaboration with hand-writing drawing board based on Apple Pencil
- Design of data structure and search algorithm to realize high performance write, read, search, and update (includes pen, eraser and lasso) function, and algorithm to improve performance of Apple Pencil writing
- Technology stack: Swift, SQLite, MVC Architecture, Socket.IO, Flask, Gunicorn, Nginx
- Using Github and Lark to set goals and collaborate with team members
- <https://apps.apple.com/tt/app/cocreate-draw-together/id1548911886?ign-mpt=uo>