

# KRISTEL FUNG

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## EDUCATION

### University of California, Berkeley

B.A. Computer Science (Transfer, Gap year)

Relevant Coursework: Discrete Mathematics and Probability Theory

Berkeley, CA

Sep 2021 – May 2023

### New York University

B.A. Computer Science/Mathematics | GPA: 3.88/4.00

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Computer Systems Organization

New York City, NY

Sep 2018 – May 2020

**Awards and Honors:** Dean's List (New York University), Undergraduate Summer Research Fellowship (New York University), HackCooper Hackathon Runner-Up (The Cooper Union)

## EXPERIENCE

### Secure Systems Lab @New York University

Undergraduate Research Assistant

New York City, NY

Jul 2019 – Jul 2020

- Contributed to In-toto, a security framework which ensures software supply chain integrity with GPG signatures
- Optimized rebuilder ensuring validity of compiled software, reducing runtime from linear to logarithmic (Python, Ansible)
- Implemented user setting to limit timeout for commands and wrote 2+ unit tests

### New York University—Information Technology

Student Technology Assistant

New York City, NY

Jan 2019 – Dec 2019

- Provided customer and tech support at NYU's 2 student technology centers, assisting 5+ students and faculty a day
- Troubleshoot hardware such as A/V, VR headsets, projectors, and software such as Photoshop and Illustrator
- Designed 5+ posters, newsletters and banners promoting the tech centers

### HealthyLovedOnes

Frontend Developer

Hong Kong

May 2017 – Mar 2018

- Developed user profile search page for web application matching caregivers and customers (React.js)
- Revamped UX of messages, profile, search, and login, halving the number of pages on the application
- Established company branding guidelines and used Photoshop and Illustrator to design 10+ pages

### Alphabase.ai

Frontend Developer

Hong Kong

Nov 2015 – Aug 2017

- Designed workflow of web application for users to compete in machine learning competitions
- Programmed homepage, scoreboard, login, register and integrated with PHP backend (JavaScript)
- Created 4+ webpage mockups and graphics with Photoshop and Illustrator

## EXTRACURRICULAR ACTIVITIES

### HackNYU Executive Board

Tech Committee, Marketing Chair

New York City, NY

Nov 2018 – May 2020

- Utilized React with Typescript to develop home, about, login, and register page for HackNYU 2019
- Established branding and drafted 3 iterations of the HackNYU websites, finalized 5+ mockups with Photoshop/Illustrator

### Hong Kong Student Association

Marketing Committee

New York City, NY

Sept 2019 – May 2020

- Developed 1-2 graphics for 6 annual events celebrating Hong Kong culture
- Set up tables, signs, disposable cutlery, plates and pick up food for events with 200+ student and faculty attendees

**Other Activities:** Women in Computing, Tech@NYU, Freelance Graphic Designer

## SKILLS

**Skills:** Python, C++, React.js, HTML/CSS/SASS, Git

**Language:** English (Native), Cantonese (Intermediate), Mandarin (Intermediate)

**Interests:** Graphic Design, Cooking