

David Liang

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EDUCATION

New York University, College of Arts and Science

Bachelor of Arts in Computer Science and Math, Minor in Psychology
CAS Honors Scholar, Dean's List, Proud to be First (LEAD)

New York, NY
May 2021

Relevant Coursework: OS, AI, Large Scale Web Applications, Basic Algorithms, Data Structures, Intro to CS, Linear Algebra
GPA: 3.601

New York University Shanghai

Relevant Coursework: Algorithms, Computer Architecture, Multivariable Calculus

Shanghai, China
Spring 2019

SKILLS & INTERESTS

Coding: Python, Java, C, Django, Redis, Express, MongoDB, Javascript, HTML, CSS

Languages: English (Native), Cantonese (Native), Mandarin (Conversational)

Interests: Drawing, Screenplay, Slam Poetry, NLP, Computer Vision, Startups

PROJECTS

Cook It!

Spring 2020

- Developed a reverse-search applications for recipes given ingredients using **Express JS** as middleware with **Passport.js** for authentication, and **Bootstrap** and **MongoDB** as a CSS framework and for data storage respectively.
- Implemented file read and **API** support for **CORS** access of recipes.

Photo Storage System

Fall 2019

- Designed and developed a file storage system in a team using **Django** infrastructure for middleware and authentication, **gRPC** for remote **Redis** storage on **Google Cloud Platform**.
- Implemented Admin support for file blacklisting using an **MD5** hash, and a user/admin interface.

Course Administration System

Fall 2018, Summer 2019

- Developed a course registration and administration application using **Serialization**, **JSwing**, and **JPanel** all built within **Java** infrastructure.
- Read and wrote to CSV files for course management, including Admin/Student privileges. Additionally, managed user data credentials with registration for new users using **SHA-1** hash.

WORK EXPERIENCE

Administrative Assistant, NYU Rory Meyers School of Nursing

September 2018 – Abroad

- General office aide including updating excel spreadsheets, filing, and scanning documents into the cloud.
- Working alongside supervisors to streamline the course evaluation processes.
- Prepared the space and relevant papers for weekly meetings, exams, and courses.

Lab Assistant, NYU Landy Lab

September 2018 – Abroad

- Daily activities including data collection using **Python** and **R**, and research on relevant literature for weekly meetings.
- Worked alongside two graduate students to research in hemi-spatial neglect and spatial perception with regards to vision and hearing.

VOLUNTEER/LEADERSHIP EXPERIENCE

Marketing Executive Board Member, NYU Asian Heritage Month (AHM)

September 2018 – Present

- Appointed to design the marketing video, manage the Facebook and Instagram pages, and take pictures/record videos of the event for AHM's Fall Festival and Let's Talk.
- Worked alongside logistics and public relations to introduce and event performers.

EXTRACURRICULARS

NYU CAS Honors Scholars Member

September 2018 – Present

NYU CAS Student Council, Programming Committee

September 2018 – Present

LEAD, Proud to Be First (1st Generation College Student)

January 2017 – March 2017