David Liang

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**Education**

# New York University, College of Arts and Science New York, NY

Bachelor of Arts in Computer Science and Math, Minor in Psychology *May 2021*

*CAS Honors Scholar, Dean’s List, Proud to be First (LEAD)*

*Relevant Coursework:* OS, AI, Large Scale Web Applications, Algorithms, Data Structures, Intro to CS, Applied Internet Technology Linear Algebra

GPA: 3.601

# New York University Shanghai Shanghai, China

*Relevant Coursework:* Algorithms, Computer Architecture, Multivariable Calculus *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*