

Lister Zhile Chen

University of California, Berkeley

Astrophysics honors program candidate

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PROFILE

Astrophysics and Applied Mathematics double major, researcher in Berkeley Cosmology Group. Professional Programmer, graphic designer, pianist, singer, and marathon runner.

SKILLS

PROFESSIONAL SKILLS

✚ Proficient Python, Java, C++,
Machine Learning algorithm
✚ Microsoft PowerPoint,
Word, Excel

PERSONAL SKILLS

✚ Adobe Photoshop and video
editing
✚ Fluent Mandarin and
English, basic Japanese

RESEARCH EXPERIENCE

Group Member

2019 September -
present

Differentiable lensing simulator

✚ Use python to build a N-body
differentiable lensing simulator
✚ Perform fisher information
analysis on neutrino density data

Spokesperson

July 2018

The Double Main Sequence Turn- Off of the Globular Cluster NGC 1846

✚ Used the program TOPCAT to
build the H-R diagram of the
Globular Cluster
✚ Investigated the star distribution
and the rotational velocity of the
globular cluster NGC 1846

Spokesperson

July 2018

The Expansion of Planetary Nebula

✚ Used the 41" reflector to observe
planetary nebula at Yerkes
Observatory
✚ Used DS9 to analysis the expansion
of planetary nebula

WORK EXPERIENCE

Software Engineer

2019 May – 2020
May

No Paper Menu Ltd. London, UK

✚ Developed web scraping computer
program to atomize the process of
getting structured data from the
website menus
✚ Developed computer program to
test the quality of organized data
✚ Recruiting system developers and
hold training sessions for new
employees

Accountant

November –
January 2018

Beijing Great Growth Investment Management Ltd. Beijing, China

✚ Managed company income and
spending
✚ Calculated and submit tax
✚ Calculated salary for each position
in the corporation according to
payroll.

LEADERSHIP EXPERIENCE

Chinese Chair

2019 December
- Present

1st Chinese-America Student Conference

✚ Works with 3 other executive committee
members to arrange a 14- day conference in San
Francisco and Hawaii, site planning, reach out to
venues and speakers
✚ Recruiting both Chinese University Students and
American University Students as delegates

American Delegate

2019 February
- August

71st Japan-America Student Conference

✚ Interacted with hundreds of other delegates to
produce meaningful discussions on
Environment and Technology
✚ Visiting U.S. Embassy in japan, headquarters of
Japan airlines. Participated in various
networking opportunities, listening to and
interacting with leaders at the forefront of
Japanese corporations and government

AWARDS AND ACCOMPLISHMENTS

✚ Berkeley Hass School of Business Distinguished
Entrepreneur award

✚ 71st Japan-American Student Conference
outstanding presentation

✚ 2019 Havana Marathon top 50

✚ 2019 Bay to Breakers top 50