

Yutong Feng

thea_feng@berkeley.edu

5102297821

EDUCATION

The Chinese University of Hong Kong, Shenzhen

School of Data Science

Bachelor of Computer Science, Major in Computer Science and Engineering

Shenzhen, China

Graduation year: 2024

- GPA: 3.8/4.0 (National Encouragement Scholarship, Academic Performance Scholarship, Dean's List)
- Coursework: Introduction to Computer Science: Programming Methodology & Programming Paradigms, Data Structure, Computer Architecture, Computer Graphics, Digital Logic and Systems, Algorithms, Operating System, Computer Networks
- Skills: C++, Python, Java, JavaScript, MATLAB

University of California, Berkeley

Visiting

RELATED EXPERIENCE

Research assistant

Shenzhen Institute of Artificial Intelligence and Robotics for Society (AIRS)

2021.12 - Present

Shenzhen, China

- Experiment on incentive mechanism of federal learning combined with Stackelberg game
- Improve efficiency and reduce the cost of distributed machine learning by 75% and 34% respectively
- Collaborate with an IBM researcher on a paper that is now reviewed by IJCAI 2023

Front end intern

Apartsa

2021.07 - 2021.10

Shenzhen, China

- Developed the front end of a WeChat mini-program by Taro that helped students select courses

Research assistant

Shenzhen Research Institute of Big Data

2021.06 - 2021.10

Shenzhen, China

- Implemented and tested classical algorithms of image processing
- Rendered image with anti-aliasing sampling to reduce image noise
- Compared the effect of ray tracing by using different algorithms

EXTRACURRICULAR ACTIVITIES

Undergraduate student teaching fellows

School of Data Science, CUHKSZ

2022.09 - Present

Shenzhen, China

- Tutor first-year students in Python and Java programming weekly
- Provide individualized support to meet students' needs
- Grade students' exam papers and projects and offer feedback for improvement

Student assistant

Shaw College, CUHKSZ

2020.10 - Present

Shenzhen, China

- Led a team of 50+ members to hold Halloween activities involving 1000+ participants in two consecutive years
- Translated articles on the official website and emails into English
- Planned and conducted weekly activities, including tea talks, DIY workshops and hiking
- Lectured on life and mental health to 50+ pupils, selected as the outstanding volunteer
- Designed cultural and creative products, logos and posters for 10+ school activities