Hansheng Liu (Hansen)

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science & Math and Economics   GPA: 3.96/4.00

Expected Graduation: May 2024

Honors:

- Dean's list: Fall 2020, Spring 2021, Fall 2021, Spring 2022

Relevant Courses:

- Algorithms, Computer Architecture, Data Structure, Database System, Machine Learning, System Programing

WORK EXPERIENCE

Shengqu Games   Shanghai, China

IT intern   June – August 2021

- Dealt with the IT related issue of the whole company
- Served and communicated with more than 1,000 people
- Provided quality service by answering question and resolving issues promptly

TrueColor   Shanghai, China

Director assistant intern   May – July 2020

- Assist director deal with the daily affair of the company
- Provided ideas in sales decisions

RESEARCH PROJECTS

Illinois Geometry Lab - Rumor propagation on a spread-out lattice graph

Researcher   January 2023 – present

- Aimed to understand the first-passage time needed for the rumor to and how it depends on L for large n in d = 1 or 2 dimensions
- Used simulation to help understand the distributional limit for the passage time
- Used multiple algorithms and programming languages

PROJECTS

Shortest path between airports

Main contributor

- Dealt with the dataset containing all the open flights
- Gave the shortest path between any two airports
- Determined the airport with the largest betweenness
- Used C++

SKILLS

Languages: Mandarin (Native), English (Fluent), Shanghainese (Native)

Technical Skills: Java (Advanced), C++ (Advanced), C (Advanced), Python (Intermediate), Mathematica (Intermediate), HTML (Intermediate), CSS (Intermediate), SQL (Advanced)