

Lucy Yuting Li

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EDUCATION

The University of Chicago

October 2018 – June 2022

B.S. in Computer Science, Dean's List

Chicago, IL

GPA: 3.52

Relevant Coursework: Intro to Software Development, Intro to Computer Systems, Intro to Data Engineering

PROJECTS

Finagle, a toy language (Standard ML)

Spring 2020

- Implemented a compilation toolchain (lexer, scanner, parser, desugarer, evaluator) from scratch for a toy language as part of coursework

Reimagined-Vis: v_ally_lint (Python)

Winter 2020

- Assisted in designing a linter that flags issues regarding accessibility in data visualizations created with the Altair library, with two graduate UChicago students as part of coursework
- Output included recommendations for resizing and recoloring of data visualizations based off guidelines from the American Council of the Blind

Shell (C)

Fall 2019

- Developed software to simulate a working shell, which had the capability to execute programs and commands including exit, change directory, print working directory, and redirection as part of coursework

Action Management within Chiventure, a game engine (C)

Spring 2019

- Worked within a team of five people to create a system that manages interactions with any entity in the current room environment as part of coursework
- Utilized an enumeration of actions and structs including character, direction, room, and action kind, storing actions through pointers and lists
- Worked with GitHub in order to facilitate issues and pull requests, merging branches with other teams

EXTRACURRICULARS & LEADERSHIP

CompileHer (Organization dedicated engaging young girls with computer science)

November 2019 – Present

Internal Outreach Assistant

Chicago, IL

- Work with Events team to reach out to students and professors within the University to recruit volunteers and judges for annual events such as annual Hackathon and Tech Capstone
- Communicate with other teams including corporate outreach, design, and curriculum, to integrate ideas

EXPERIENCE

SUPERgroup Lab, Assistant Professor Marshini Chetty

January 2020 – Present

Undergraduate Research Assistant

Chicago, IL

- Filled out IRB applications, created and edited consent forms and interview questions
- Planned focus group protocols and activity sessions with other researchers
- Analyzed 90 papers for research to be published at the CHI 2021 Conference

Simmer, Y-Combinator S19 (App to rate restaurant menu items)

June 2019 – September 2019

Data Operations and Growth Intern

San Francisco, CA and Stockton, CA

- Extracted menu items to Excel from over one hundred restaurants across the U.S. using a custom Python script
- Directed and oversaw a team of other interns and freelancers for the menu item review extraction process
- Managed company Instagram outreach effort by advertising to users who tagged specific restaurants

SKILLS & INTERESTS

Technical: Proficient in C, Python, SML, Git

Organizations: Pi Beta Phi, UChicago E-Sports, ChoMUN

Hobbies: Video Games, Equestrian, Piano, Flute