

# Lucy Yuting Li

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## EDUCATION

### The University of Chicago

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

GPA: 3.52

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

*October 2018 – June 2022*

Chicago, IL

## 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