

# JAY CHIN

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## EDUCATION

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### University of Alabama at Birmingham

Expected April 2024

*Bachelor of Science, Computer Science*

*Birmingham, AL*

Major GPA: 4.0

Relevant Coursework: Object Oriented Programming, Systems Programming, Advanced Algorithms and Applications, Automata/Formal Languages

Member of Association for Computing Machinery at UAB

## EXPERIENCE

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### Teaching Assistant

January 2023 - Present

University of Alabama at Birmingham

*Birmingham, AL*

- Assist instructor for CS332, Systems Programming class
- Provide assistance to students during office hours and labs
- Grade exams, lab assignments, and homework
- Weekly meetings with instructor to improve the course

## PROJECTS

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### Bookstore Manger Tool

April 2022

*Java, Java Swing*

- Created the user interface using Java Swing toolkit
- Updated and stored information into the database by allowing the program access the database
- Allowed the user to simulate being a bookstore manager by providing tools in the UI
- Abstracted functions to make it easy for users to accomplish demanding tasks such as updating the database

### Breakout Game

November 2017

*JavaScript, CodeHS JS library, HTML*

- Recreated the Atari breakout game from 1976 in JavaScript
- Utilized CodeHS JS library to create graphics for the game
- Allowed the game to run on web browser

### Linux Find Function

October 2022

*C*

- Developed a program that search by traversing the files in C
- Allowed users to make system calls using `execvp` function
- Utilized `getopt` and `optarg` functions to parse the command line

## SKILLS

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**Programming Languages:** Python, Java, C, JavaScript, HTML, CSS

**Tools:** Git

**Operating Systems:** Windows, Linux, MacOS