

LIANG CHU

(929) 325-9840 | chuliang686@gmail.com | liangchu1.github.io

OBJECTIVE

To obtain a co-op/internship in a software company for the summer of 2023.

EDUCATION

Rochester Institute of Technology | May 2026
Bachelor of Science (BS) in Software Engineering
GPA: 3.89/4.0 Dean's List: Fall 2021, Spring 2022

Related Courses: Software Development & Problem Solving I and II (Python and Java), Project-Based Calculus I and II, Discrete Math for Computing, Personal Software Engineering (C and C++), Intro to Software Engineering, Applied Statistics, Physics I, Web & Mobile I (HTML, CSS, JavaScript), Software Engineering for transfers.

SKILLS

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, C++, C, Processing
- **Operating Systems:** macOS, MS Windows, iOS
- **Text Editing Software:** Visual Studio, IntelliJ, TextEdit, Vim, Notepad++
- **Task Management Software:** GitHub, Slack, Trello

PROJECTS

Amazon E-commerce Clone (Personal) | June - July 2022 github.com/LiangChu1/Amazon-clone.git

- Developed a full-stack Amazon clone website using JavaScript (React), CSS, SQL and NoSQL
- Designed a fully functioning home, login, checkout, payment and orders page
- Programmed features to add and remove products from a shopping basket, view/keep track of a certain user's order history using Firebase, and keep track of everyone's transactions using Stripe

Robert Conway's Game of Life Simulation (Personal) | May 2022 github.com/LiangChu1/Game-Of-Life.git

- Created a real-time algorithm/rendering of Robert Conway's Game of Life in Processing
- Implemented features to insert certain patterns onto the board, create a random simulation of the game, show the next frame/generation of a pattern, pause and unpause the board, and clear the board

GUI Minesweeper Game (Academic) | Mar 2022 - April 2022 github.com/LiangChu1/Minesweeper.git

- Collaborated in a team of 3 to create a fully functional GUI Minesweeper game in Java/JavaFx
- Contributed in creating the backtracking algorithm that would be used to find all of the correct spaces on the board that are not mines
- Installed a set of functions that would allow the user to select a space on the board as well as give a visual hint to the next correct space

PROFESSIONAL EXPERIENCE

RIT Higher Education Opportunity Program (HEOP) | Sep 2022 - present Rochester, NY

Software Engineering Tutor

- Successfully tutor students 1-1 with learning difficulties due to the pandemic or prior lack of experience
- Assisting students in programming languages like Python
- Mentor students on data structures and algorithms like arrays, lists, and sorting algorithms

Wenton Motel | Sep 2016 - Sept 2018 Saugerties, NY

Motel Manager Assistant

- Successfully administered over 50 online room bookings for one or two bedrooms
- Provided great customer service to over 100 guests in the front of house
- Assisted in cleaning up over 70 rooms for room service
- Communicated efficiently with many of the staff members in running the overall day to day operations