

Liang Chu

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Objective

To obtain an co-op/internship in a software engineering/computer science firm that will use programming languages such as Python, Java, HTML, or CSS. Available for Summer 2023

Education

Rochester Institute of Technology (anticipated graduation: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, University 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 website | Personal

June 2022-July 2022

- Developed a full-stack Amazon clone website using JavaScript(React), CSS, & SQL and NoSQL databases
- Designed a fully functioning home, login, checkout, payment and orders page
- Programmed features to add/remove products to 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

- 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 unpaue the board, and clear the board

GUI Minesweeper Game | Academic

March 2022-April 2022

- Collaborated in a team of 3 to create 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 HEOP Program

Rochester, NY

Software Engineering tutor

September 2022 - Present

- Successfully tutor students 1-1 who had learning difficulties due to the pandemic or prior lack of experience
- Assisting students in coding languages like Python for around 1-2 hours a week
- Clarifying to students about certain data structures and algorithms like arrays, lists, and sorting algorithms

Wenton Motel

Saugerties, NY

Motel Manager Assistant

September 2016 - September 2018

- 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