

## Education

May 2022

**University of Massachusetts Amherst** - *B.S. in Computer Science with honors* **GPA:3.8**

Relevant Courses: Calculus, Computer System Principles, Data Structure, Discrete Maths, Linear Algebra, Probabilities, Algorithms, Programming Methodology

## Programming Languages and Natural Languages

C, Java, SQL, Python, HTML, CSS, Javascript; Native Proficiency in Mandarin, Full Working proficiency in English, Elementary proficiency in Japanese

## Experience

Spring 2020

**College of Computer Science and Information, Umass Amherst** - *Undergraduate Course*

*Assistant*

- Facilitate lab and discussions, answer questions on Piazza, grade lab reports, and exams
- Attend staff meetings, proctor exams, and mentor individual students

Summer 2019

**DingSheng Tech LLC, Suzhou, China** - *Intern for ERP*

- Managed big data and created forms using MySQL
- Forms still in use by company
- Attend daily meetings with mentor

Fall 2018

**College of Education, Umass Amherst** - *Undergraduate Teaching Assistant*

- Organized movie nights and discussions
- Taught students one-on-one and in large groups
- Used expert knowledge to promote student success

## Projects

### ConnectFour

- Simulated the traditional game by constructing the game system and creating an AI player to compete with human players
- Good logic flows and c programming languages were applied in setting up the game rules and functionality of AI
- Completed game with fully functioning AI component

### TextAdventure

- Created a text adventure that players can search in rooms for items to pass the game
- Applied data structures, pointers, and cmd input
- Completed fully functioning game interface

### WordFreak

- Designed a glossary checker which can check the frequency of words appearing in one or more text files
- Utilized systems calls, good buffer control, and algorithm
- Learned pipe and appropriate use of algorithms in game design

## Awards

Member of Commonwealth Honor College, Chancellor's Award(2018), Dean's List(2018,2019,2020)