

Ningyu Chen

Available January - June 2021

chen.nin@northeastern.edu

(617) 792-4965 | Quincy, MA

Education

Northeastern University, Boston, MA

2019 – 2023 (Expected)

Khoury College of Computer Sciences

GPA: 3.63/4.0

Candidate for Bachelor of Science in Computer Science

Relevant Coursework: Intro to Mathematical Reasoning, Discrete Structures, Calculus 2, Mathematics of Data Models, Fundamentals of Computer Science I & II, Object-Oriented Design

Skills

Programming: *proficient* Java, Python, Racket | *familiar* JavaScript, HTML, CSS

Software: Git, IntelliJ IDEA, Visual Studio Code, Eclipse, Latex, Windows

Projects

Areoplane Chess Game (Java)

August 2020

- Developed an areoplane chess application using the libGDX framework
- This application allows the client to play against programmed opponents and to load/delete/save game data

Simple Animator (Java)

June 2020

- Developed a GUI application to display animations by parsing the data from an input file
- This application displays animations in a user-interactive window programmed using Java Swing Library, or output animations into SVG/Text files (Object-Oriented Design Course Project)

Work Experiences

Northeastern University, Boston, MA

Fall 2020

Discrete Structure (CS 1800) Teaching Assistant

- Hold weekly office hours to present key insights to weekly problem sets and answer students' questions
- Grade weekly assignments and exams

Kung Fu Tea, Somerville, MA

Summers 2018, 2019

Staff

- Collaborated with two to three coworkers to provide inventory checks, customer services (serving about 350 customers daily), and preparation of supplies

Community Experiences

North Quincy High School, Quincy, MA

Non-native Speaker Academy Club

2018 – 2019

Founder/President

- Academic support group for English Language learners.
- Improved members' academic performances, such as test scores and assignment grades, by practicing problems and lecturing PowerPoint presentation

Lab Assistant in Science

2018 – 2019

- Assisted the chemistry students in the operations of experimental equipment, such as Bunsen burner, centigram scale, burette, temperature probe, and spectroscope
- Enhanced students' performance by explaining scientific concepts and demonstrating processes on problem-solving, graded quizzes and homework assignments

Ohana New England Dragon Boat Youth, Boston, MA

April 2018

- Won division C third place at the Hong Kong Dragon Boat Festival of Boston 2018