

Eddie Xu

eddiexu82@gmail.com · eddiexu123.com · github.com/eddiexu123 · (201) 962-6215

EDUCATION

Case Western Reserve University | *B.S. in Computer Science and Statistics*

Cumulative GPA: 3.84/4.0

Cleveland, OH

Grad: May 2022

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Artificial Intelligence, Databases, Discrete Math, Logic Design and Computer Organization, Statistics for Signal Processing, Linear Algebra, Software Engineering

WORK EXPERIENCE

Erie Insurance Group

Software Engineer Intern, Enterprise Content Management

May - August 2020

Erie, Pennsylvania

Case Western Reserve University

Teaching Assistant: EECS 233 (Data Structures), EECS 340 (Algorithms)

January 2020 - Present

Cleveland, Ohio

- Conduct weekly office hours and recitations for students in a ~150 person class to help them understand fundamental concepts in data structures and algorithms.
- Work closely with the professor to generate problem sets and grade homeworks, quizzes, and exams.
- Nominated by the Algorithms professor to lead review sessions to prepare students for exams.

ThinkTown Education

WeChat App Developer Intern

June - August 2019

Zhejiang, China

- Improved the functionality of a WeChat mini-program used to store problem sets for ~3500 students by implementing a take-home-assignments feature for students, using the *WeChat API*, *WXML*, and *WXSS*.
- Enhanced the organization and efficiency of the program by “locking” problem sets whose prerequisites were not yet met, preventing students from skipping around and potentially sharing solutions with each other.

PROJECTS

5 Bots in 5 Days

May 2020

- Automated 5 bots in 5 days using *Selenium* and *ChromeDriver* to spread positivity during COVID-19.
- Used *PyTesseract* to “bypass” bot-prevention logins by parsing the authentication codes sent via text message.
- Notable projects include a Tinder bot that sends wholesome messages to all matches, a LinkedIn bot that sends recruiters friendly, personalized notes, and an Instagram bot that likes/comments on posts.

Web Development

March - May 2020

- Built a personal website to display my portfolio using *HTML* and *CSS*. (<http://eddiexu123.com>)
- Developed (and currently maintain) the Case Western Reserve club tennis website for ~250 students, parents, and alumni, using *HTML/CSS* and *Bootstrap*. (<http://cwruclubtennis.com/>)

Jeweled

April - May 2019

- Created a game similar to Candy Crush using Java GUIs, where players could enter a desired board size and theme.
- Each cleared “gem” is marked, randomly replaced, and the number of moves made to mark every gem is recorded.

SafeBet

February 2019/2020

- Developed an interactive iOS app storing facts about natural disasters to help users prepare for such emergencies.
- Linked the app to an Arduino that could detect and notify users of potential nearby fires.

LEADERSHIP AND EXTRACURRICULARS

Resident Assistant

2020 - Present

- Live on a co-ed floor with ~60 Freshmen, serving as a mentor and additional resource.

Club Tennis (*Practice Manager, Vice President of Logistics*)

2018 - Present

- Lead practices, maintain the website, email weekly practice sign-up sheets, and send out monthly newsletters.

SKILLS

Java (Proficient) · Python (Intermediate) · HTML/CSS (Intermediate) · C (Novice) · C++ (Novice) · Matlab (Novice)