

Liao Zhu

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EDUCATION

University of Iowa

Iowa City, IA

Bachelor of Science in Computer Science

Aug. 2021 – Present

Relevant Coursework: Calculus 1/2, Multivariable Calculus, Discrete Structures, Data Structures

EXTRACURRICULAR

Association for Computing Machinery (ACM)

September 2021 – Present

Iowa ACM Club Member

Iowa City, IA

- * Enhanced general computer science knowledge in a weekly classroom setting
- * Refined resume building skills instructed by credible leaders
- * Exercised relevant coding interview and LeetCode questions

PROJECTS

Todo List App | *HTML, CSS, JavaScript, AJAX*

May 2022 – June 2022

- * Developed a to-do list web application using Washington University in St. Louis CSE 204 provided API
- * Implemented AJAX to send and store user items
- * Enhanced front-end web development skills

Weather App | *JavaScript, CSS, HTML*

June 2022

- * Developed a simple weather web application to display weather of any city
- * Implemented Open Weather API to get weather data
- * Built upon prior knowledge of API's

Google Map Replica | *Python, Tkinter*

December 2021

- * Designed and developed a Google Map Replica displayed using Tkinter
- * Implemented Google Maps Platform API in order to get location data using geographical coordinate system
- * Conceptualized my knowledge of API's

Twitter Bot GUI | *Python, Tkinter*

December 2021

- * Developed application implemented in Tkinter using Twitter's API combined with Google Maps Platform API
- * Allowed users to set a desired radius at any location and retrieve tweets from within the desired range
- * Expanded my knowledge of API's and user interaction

Project Portfolio Website | *HTML, CSS, JavaScript*

June 2022 - Present

- * Designed and developed a personal project portfolio website implemented in HTML, CSS, and JavaScript
- * Highlights my interests and more personal projects that I have worked on
- * Enhanced web-development skills

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Spyder

Libraries: Tkinter, NumPy, Matplotlib