

Liao Zhu

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EDUCATION

University of Iowa

Bachelor of Arts in Computer Science

Iowa City, IA

Anticipated May 2025

- Relevant Coursework: Algorithms, Data Structures, Calculus 1/2, Multivariable Calculus, Discrete Structures, Computer Organization
- Member of UIowa Honors Program
- Member of UIowa Association for Computing Machinery (ACM)

TECHNICAL SKILLS / TECHNOLOGIES

Proficient: Python, Java, JavaScript, HTML/CSS, Git

Familiar: ReactJS, VueJS, Flask, Express, Rust, MySQL

EXPERIENCE

Web Development Intern

University College of Engineering

June 2022 – Present

Iowa City, IA

- Developed 40+ pages for College of Engineering using HTML/CSS and SiteNow v3
- Tasked with updating and developing pages as well as handling ticket requests for the College
- Completed over 20+ tickets to update or handle miscellaneous tasks for staff members and/or other faculty

EXTRACURRICULARS

Systems Software Developer

University of Iowa Robotics

August 2022 – Present

Iowa City, IA

- Developed methods to provide functionality to the Rover's GPS tracking using Python
- Implemented a graphical map display that tracks the rover and it's destination using Python and Google Maps
- <https://github.com/liaozhuzhu/UIRobotics>

PROJECTS

TikTok Quote Video Generator | *Python, MoviePy, ZenQuotes API*

November 2022 - December 2022

- * Over 1400 total views as of 12/06/2022
- * Averages: 87.8 views per video
- * 100+ total likes
- * Visit: www.tiktok.com/@liaozhuzhubot

Clask | *HTML/CSS, JavaScript, Python, Jinja, AssemblyAI, MySQL*

October 2022 - November 2022

- * Record and transcribe classes on your computer
- * Uses MySQL to store users and their saved transcripts. Users can opt out of making an account, but lose functionality such as saving or customizing transcripts
- * Save transcripts to profile or edit transcripts after making a Clask account

Statipy | *Python, Discord.py, Spotipy*

September 2022

- * Discord bot written in Python that allows users to track their spotify stats as well as other Spotify data in real time
- * Check and display Spotify data while simultaneously using Discord

Twitter Bot GUI | *Python, Tkinter, Google Maps API, Twitter API*

December 2021

- * Used Google Maps API to show user's current location and plot these Tweets around the user
- * Allowed users to set a desired radius at any location and search/click on Tweets within this range
- * View Tweets over 5+ miles from current location