

Peter Yao

Chapel Hill, NC 27516

linkedin.com/in/peter-yao123 | github.com/pyao137 | pyao137.github.io | ypeter2212@gmail.com

EDUCATION

University of North Carolina at Chapel Hill (UNC) | *August 2020 - Present*

- B.S. in Computer Science and B.S. in Mathematics | Expected May 2024
- Current GPA: 4.0
- Completed Coursework: Intro to Programming, Intro to Data Models and Inference, Discrete Structures, Systems Fundamentals, Foundations of Programming, Models of Languages and Computation, Data Structures and Analysis, Multivariable Calculus

Chapel Hill High School | *August 2016 - June 2020*

- GPA (Unweighted): 4.0 | Ranked 2nd in a class of 393 students

PROJECTS

Thicc Snake | [HackNC 2021 Entertainment Track Winner](#)

- A simple but colorful game where the player holds down the mouse button to extend a snake's thickness. Collect tokens to grow, but if the player hits an obstacle, it's game over.
- Developed with Python and Pygame. Also used Piskel and Affinity Designer for sprites.

Find-Your-Fit | [MapHacks 2021 Project](#)

- Built a full stack web application that recommends fitness partners based on geographic location.
- Used React.js, HTML, and CSS for the frontend. Used MySQL and Express.js for the backend. Also used Axios for making HTTP requests, and the Google Geocoding API for geolocation.

Games-To-Books | [HackDuke 2020 Project](#)

- Worked in a group of four to develop a Python program which, given user input of preferred video games, generates a corresponding list of recommended books.
- Designed the GUI with Qt for Python, and implemented the web scraper with Selenium.

ACTIVITIES

Developer Student Clubs | UNC | *January 2021 - Present*

- A Google-affiliated student organization for aspiring software developers.
- Participated in several programming workshops on React and Python.

Artificial Intelligence Club | UNC | *August 2021 - Present*

- Building machine learning programs with Python and attending machine learning workshops.

Association for Computing Machinery (ACM) | UNC | *August 2021 - Present*

- Engaged in social events and contests organized by various high-tech companies.

Mathworks Math Modeling (M3) Challenge | *Spring 2019, Spring 2020*

- Led team of three students in modeling solutions to vaping and electric vehicle use issues

WORK EXPERIENCE

Queen of Pho | Chapel Hill, NC | *February 2019 - January 2020*

- Worked as a waiter, courteously served customers, and trained three new employees.

SKILLS

Python • Java • C • Javascript • React.js • HTML • CSS • Mandarin Chinese

INTERESTS

Artificial Intelligence • Theoretical Computing • Wrestling • Judo • Fishing • Writing • Meditation