MINGLI ZHANG

(919)274-5562
MINGLIZ@LIVE.UNC.EDU
CHAPEL HILL, NC 27514

PROFESSIONAL SUMMARY

A junior at UNC-Chapel Hill studying both Computer Science and Mathematics, with experience in programming, data-base, and data analysis. Currently seeking an internship to provide my skills to software development.

SKILLS

Programming languages

Frontend Tech Stack

-HTML -CSS -JQuery -React

Backend Tech Stack

-Express -Node -SQL -MongoDB

Others

-MIPS -C -Matlab -Java

-Python -Racket -TypeScript

Tools

- Fusion360 - Adobe XD - Tinkercad

Languages

- English (Fluent) - Chinese (Native)

CORE CLASSES TAKEN

- Data Structures
- Computer Organization
- Models of Languages and Computation
- Algorithms and Analysis
- Mathematics for Image Computing
- Introduction to Machine Learning
- Files and Databases
- Modern Web Programming
- Programming Language Concepts (Taking)
- Computational Photography (Taking)
- Advanced Calculus
- Numerical Analysis
- Algebraic Structures (Taking)

CONTACT INFO:

Portfolio: https://mingli-zhang-portfolio.herokuapp.com/
Github: https://github.com/MingliZhang
Linkedin: www.linkedin.com/in/mingli-zhang

EDUCATION

University of North Carolina at Chapel Hill

Bachelor of Science in Computer Science (Primary Major) and Mathematics (Secondary Major)

- May 2022
- Dean's List from 2018 to 2020
- GPA: 3.913

RELEVANT EXPERIENCE

Peer Tutor

The Learning Center at UNC-Chapel Hill | Jan 2021 - Present
- Undergoing training process.

Undergraduate Learning Assistant for Computer Organization

UNC Department of Computer Science | Jan 2020 - May 2020
- Created eight homework and quizzes for the semester.
- Held a lab session once a week with four other learning assistants, which includes giving lectures to a class of fifty students and provided supervision while quizzes were being taken.
- Held office hours three to four times a week for one to three hours each time, and met with at least three students each time.

UI/UX Design Intern

Lenovo, Beijing, China | Jul 2017 - Aug 2017
- Designed Lenovo's b-to-b web store by using MockingBot. The web store provides product information and the ability to restock products directly from Lenovo to the retailers.
- Attended meetings with the marketing and human resources department to discuss the resources needed for the project.

MAJOR PROJECTS

Social Web App [link] [Github1] [Github2]   Course Final Project, 2020
- The app is created with three other classmates from scratch using *Javascript*, *HTML*, *CSS*, and, a *REST API* for the *Firebase backend*.
- Developed the backend and the login/sign up function, and also tuned the design of the website.
- Functionalities including a user-matching system, a live chat, an anonymous post box, and a quiz game.

Fake or Real News Detection [Github]   Course Final Project, 2020
- Project and all data needed are found on Kaggle.
- Collaborated on a team of three classmates.
- Used pythons build-in library to implement logistic regression, Naive Bays, Support Vector Machine, and Bi-directional LSTM. We compared their accuracy after training the model.

How to Get Away From Covid-19 [Github]   Hackathon, 2020
- Attended Hackathon and created this web app with three others in 24 hours that have a 2048-like game, and a physical component.
- Partnered with a fellow peer to develop a game, while leading the styles of each page.
- Won the best physical product award.