MINGLI ZHANG

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PROFESSIONAL SUMMARY

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

SKILLS

Programming languages

Frontend Tech Stack
- HTML
- JQuery
- CSS
- React

Backend Tech Stack
- Express.js
- SQL
- Node.js
- MongoDB

Others
- MIPS
- Matlab
- C
- Java
- Python
- TypeScript
- Racket

Tools
- Fusion360
- Tinkercad
- Adobe XD
- Adobe Illustrator
- Movavi Video Suite

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 (Spring 2021)
- Computational Photography (Spring 2021)
- Advanced Calculus
- Numerical Analysis
- Algebraic Structures (Spring 2021)

EDUCATION

University of North Carolina at Chapel Hill   May 2022
Bachelor of Science in Computer Science (Primary Major) and Mathematics (Secondary Major)
- Dean's List from 2018 to 2020
- GPA: 3.913

RELEVANT EXPERIENCE

Peer Tutor
The Learning Center at UNC-Chapel Hill | Jan 2021 - Present
- Assisting two students each week in the areas of computer science, mathematics, or physics.

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]** Web Programming 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]**   Machine Learning 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. Performed a comparison of their accuracy after training the model.

How to Get Away From Covid-19 **[Github]**   Hack NC, 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.