

Yueyi Gao

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EDUCATION

University of Illinois at Urbana-Champaign

Champaign, IL

Master of Computer Science

August 2021 – December 2022

- Cumulative GPA: 3.78/4
- Relevant Coursework: Artificial Intelligence, Computational Photography, Information Retrieval, Bioinformatics, Deep Learning for Healthcare, Computer Vision, Game Development

Auburn University

Auburn, AL

Bachelor of Computer Science, Minor in Mathematics

January 2017 – December 2020

- Cumulative GPA: 3.99/4
- Relevant Coursework: Data Structures and Algorithms, Operating System, Computer Network, Software Process, Data Mining, Deep Learning, Probability and Statistics, Data Compression, Cryptography
- Honor: Dean's List 2017 – 2020

EXPERIENCE

Website Programmer

March 2021 - April 2021

Easyfind Co.

- Used Figma to design user interface of company's websites
- Used WordPress and edited its HTML and CSS to implement the websites
- Updated and maintained the websites

PROJECTS

Early Detection of Depression (CLEF eRisk 2021 Task 2)

March 2022 – May 2022

- Cleaned up the text data and extracted the useful information from social media text using Natural Language Toolkit (NLTK)
- Mapped word clouds for positive and negative cases using matplotlib, pandas, and wordcloud packages
- Several prediction models (e.g., logistic regression, CNN, LSTM, CNN+LSTM) were trained using Keras, and finally a prediction model with an accuracy of 72% was obtained

Store Management System

September 2019 – December 2019

- Developed a store management system for multi-user(cashier and boss) using Java
- Analyzed, designed and modeled the system structure with UML
- Implemented database with SQLite

BookReview Website

July 2019 – August 2019

- Developed a full-stack web application project that allows users to sign up and login to create, read, update, rate, and delete book information
- Implemented the back-end using Node.js, Express framework, and MongoDB as the database
- Implemented the responsive front-end using Bootstrap4 and EJS templates with HTML and CSS
- Implemented user authentication and authorization system using Passport.js middleware

TECHNICAL SKILLS

Languages: Java, Python, C/C++, HTML, CSS, JavaScript, x86 assembly

Database: MySQL, MongoDB

Frameworks: Node.js, Express, JUnit, WordPress, Bootstrap

Developer Tools: Git, IntelliJ, Anaconda, Visual Studio, Sublime Text, Eclipse, Unreal Engine

ADDITIONAL INFORMATION

Languages: Chinese(native), English

Membership: Society of Women Engineers