XUNWEI YE

(608) 770-2357 | Madison, WI | yexunwei001@gmail.com |
About Me | LinkedIn | Github

EDUCATION

University of Wisconsin-Madison   Madison, WI
- *College of Letters and Science:* Bachelor of Science in Computer Sciences, Data Science   May 2023
- *Relevant Courses:* Machine Learning, Big Data Systems, UI Design, Operating Systems, Computer Networks
- *Cumulative GPA:* 3.40/4.00 | *Achievement:* Dean's List (2019-2020)

University of Aeronautics and Astronautics   Nanjing, China
- *School of Information Engineering:* Major in Software Engineering   June 2019
- *Cumulative GPA: 4.20/5.00 (Top 1%) | Achievement:* Huawei Developer Club, 2nd Prize in BBP Programming Contest

PROJECTS

Campus Bakery Mobile Application (Github)
- Designed a campus Bakery order system using **Figma** tool and implemented with **React Native**.
- Led the A/B testing strategy to optimize website traffic and metrics using advanced statistical methods and creative problem solving, and presided over team meetings to review A/B test results, exchange feedback, and discuss optimization opportunities.
- Managed one-way data flow via Props along with States of class components by creating reusable components for the mobile application.

BadgerChat Web Application (Github)
- Created dynamic website pages for the client-side application utilizing **React**, **Node.js** along with **Material UI** and upgraded its user experience both visually as well as functionally through developing responsive UI components using **CSS3** and **JavaScript**.
- Used **DiagFlow** agent to help users interact with the web applications.

Milk Factory Analysis Program (Github)
- Read and processed the **JSON** files from the milk factory and stored in a self-implemented hash map.
- Used **R** language to generate plots to analyze the sale data of the milk factory and produce reports.
- Provided senior-level training and mentorship to developers, focusing on best practices and technical skills.

Page Replacement Simulator (Github)
- Simulated three page replace algorithms using **C++** and recorded the performance differences.
- Extensively used **Git** for version control to collaborate with team developers.

WORK EXPERIENCE

Bosiyan Information Technologies Inc, *Full-Stack Developer,* Shanghai, China   May 2022 - August 2022
- Conducted the front-end and back-end research and development and maintenance of company products and business tools.
- Completed the design, development, and programming tasks of the corresponding module software, and conduct testing of program units, interfaces, and functions according to the development progress and task allocation.
- Worked closely with product managers and designers to achieve product requirements and UI design.
- Followed the agile development process to ensure project progress and quality.

FinVolution Group, *Java Developer,* Shanghai, China   May 2021 - August 2021
- Wrote design and development documents according to technical documentation specifications.
- Provided technical support to assist in the processes of installation, deployment, debugging, and operation of relevant systems.
- Completed detailed software module design, code writing, and unit testing according to the work arrangements of the program manager/project manager.

SKILLS

Programming: Java, C, C++, Python, JavaScript, Shell Scripting (Bash)
Web Development: HTML, CSS, React, React Native, Bootstrap, Spring Boot, Spring MVC, Ajax, Maven, Gradle, REST, Flask, MySQL, SQLite, XML, JSON
Network Protocols: HTTP, TCP, IP, UDP, SMTP, POP3, SSH, SSL, SFTP