Guangping Yuan

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EDUCATION

University of Minnesota, Twin Cities, MN   Minnesota,US
Candidate for Bachelor of Arts in Computer Science BA   *Sep. 2021 - May 2025*

- **SKILLS:**
Programming Languages: C, C++, Python, Java, JavaScript, and HTML
Computer Science: Database Design, and Structured Programming
Multimedia: Video Editing, and Image Editing
Physics: Circuit Design and Voltage Measurement

WORK EXPERIENCE

Microbotech - Web Development Contractor（remote work）   *Jun. 2024 - Nov. 2024*

- Structured and developed website content using component-based development in HTML and React, enabling modularity and reusability across projects. Solved complex integration issues to ensure user experience.
- Collaborated closely with designers and backend developers to align UI/UX elements with backend functionality, ensuring smooth project coordination and integration. Proven abilities in troubleshooting and resolving design and implementation issues.
- Managed project planning, timelines as well as deliverables. Coordinated among stakeholders and technical teams to guarantee that project goals were achieved punctually and within the defined scope, even when facing tight deadlines. Be capable of rapidly adapting to altering requirements and resolving crucial development challenges.

Guangzhou JingMing Trading Co., Ltd. - Web Developer   *Jun. 2023 - Aug. 2023*

- Led the configuration and launch of the company's website, collaborating with cross-functional teams to resolve domain setup challenges. This effort resulted in a 30% increase in site traffic. Assisted in designing the product image layout, optimizing user experience and improving site navigation.
- Developed and executed a comprehensive product promotion plan on Facebook, including targeted ads and short product videos. This initiative increased click-through rates by 34% and contributed to a 10% rise in overall sales.
- Designed high-impact product ads and improved SEO rankings using Ahrefs, driving a 23% increase in customer engagement and enhancing the company's online visibility through effective keyword optimization and competitive analysis.

PROJECT EXPERIENCE

Drone Logistics System Simulation   *Sep. 2023 - Dec. 2023*

- Developed the entire simulation system using C language, adding models, attributes, and actions. Implemented logic code for various objects based on user requirements, improving system customization and flexibility.
- Enhanced user experience by providing solutions for existing simulation projects. Collaborated with a teammate to code and test one of two new features, contributing to faster project delivery.
- Carried out crucial functions, including real-time notifications, simulation of the front-end UI, and status tracking for delivered packages and drones. This implementation enhanced the system's reliability and responsiveness.

TODO List Web Application   *Oct. 2024 - Dec.2024*
- Developed a full-stack TODO list application with user authentication, task management, and comment functionality.
- Implemented secure user authentication using bcrypt password hashing and session-based authentication.
- Designed a RESTful API with Express.js and MySQL to handle user accounts, task management, and comments.
- Enabled task filtering by "All", "Done", and "Not Done" statuses to improve user experience.
- Developed a comment system with AJAX for real-time addition and deletion of comments.
- Ensured data security by restricting users to view and modify only their own tasks and comments.
- Built a responsive front-end using HTML, CSS, and JavaScript, ensuring a seamless UI/UX experience.

TOOLS & SOFTWARE

- Programming tools: VS Code, Git, Postman, Jupyter Notebook
- Database and data analysis: MySQL Workbench, Excel, Google Sheets
- Project collaboration: Trello, Slack, Notion