JIAYING QIU

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EDUCATION

Diploma: [Computer Programming](#)   May 2023 – present
Algonquin College, Ottawa, ON
- GPA 4.0 / 4.0; Dean's List

Bachelor of Science: Communication Engineering   Sep 2014 – June 2018
Northeastern University, Shenyang, China

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, SQL, PHP, TypeScript, HTML/CSS, Bash
- Database Management: MySQL, SQL Server, MongoDB, Oracle
- Operating System: Linux, Windows, MacOS
- Software Tools: VMWare Workstation, Eclipse, InteljIDE, VScode, SQL Server Management Studio, MySQL Workbench

PROJECTS

ChatPDF [live]-[github]   Sep 2023 - Oct 2023
Technologies Used: Next.js, OpenAI API, AWS S3, LangChain, Pinecone, Clerk.
- Developed a full-stack AI chat application with PDF integration using Next.js.
- Integrated OpenAI API for dynamic response generation, enhancing intelligence in contextual chat interactions.
- Implemented AWS S3 for secure storage of PDF files, ensuring scalability and reliability.
- Leveraged LangChain to extract and process PDF content, showcasing proficiency in advanced natural language processing techniques.
- Employed Pinecone for efficient PDF segmentation, storing embeddings for optimized data organization and retrieval.
- Utilized Clerk for robust authentication, ensuring the security and integrity of user accounts and sensitive information.

Full Stack Blog Website [github]   Oct 2023 - Nov 2023
Technologies Used: HTML/CSS, JavaScript, PHP, MySQL.
- Designed and implemented a full-stack blog website, utilizing HTML/CSS and JavaScript for the frontend, PHP for the backend, and MySQL as the database.
- Employed XAMPP for streamlined local development and testing, ensuring a reliable and efficient environment.
- Developed a user registration form, enabling individuals to create accounts with comprehensive frontend and backend form validation.
- Implemented CRUD functionality, empowering users to dynamically manage posts and reviews.
- Established robust user authentication and authorization mechanisms, enhancing the overall security of the application.

- Integrated a keyword search feature to facilitate improved content discovery for users.

Full Stack Pet Adoption Website [live]-[github]   Mar 2023 - Jun 2023
Technologies Used: HTML, CSS, JavaScript, Bootstrap, ejs, Node,js, MongoDB.
- Developed a responsive web application called Purrfect, dedicated to pet adoption.
- Designed and created a user-friendly pet listing and detailed information pages using HTML, CSS, and JavaScript.
- Implemented RESTful API endpoints and followed the MVC pattern using Node.js and Express.js, ensuring a clean and maintainable codebase.
- Established and configured MongoDB to efficiently manage data related to pets, users, and adoption details.
- Implemented robust authentication and authorization using Passport for secure user access. Deployed application on Render for high availability and accessibility.

WORK EXPERIENCE

Server   Aug 2023 - Present
Alirang Korean Restaurant, Ottawa, ON
- Served food and beverages promptly with focused attention to customer needs.
- Worked with POS system to place orders, manage bills, and handle complimentary items with speed and accuracy demonstrating attention to detail.
- Demonstrated strong communication skills in handling customer inquiries and resolving issues.
- Developed time management skills by effectively organizing and prioritizing daily tasks.

Online English Teacher   Aug 2019 - Apr 2022
Yiqixue Online School, Beijing, China
- Led live classes and worked with over 10000 students between ages 7 and 12 on grammar, pronunciation, and sentence pattern via online platforms.
- Designed and implemented age-appropriate curriculum, incorporating fun activities to enhance language learning.
- Served as leader of lesson planning team, organizing collective planning meetings and providing teaching suggestions and feedback.
- Created engaging multimedia materials and interactive online quizzes to reinforce language concepts and foster a dynamic learning environment.

VOLUNTEER

AC Day1 Volunteer   Sep 2023 - Sep 2023
Algonquin College, Ottawa, ON
- Volunteered as Way Finder during AC Day1, assisting over 30 new students in navigating campus and providing guidance.
- Welcomed and accompanied students, ensuring they felt comfortable and confident in their new academic environment.
- Answered questions and provided information about campus facilities, resources, and events. Demonstrated strong interpersonal and communication skills, contributing to smooth transition for new students.
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