JINGKE LIANG

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SKILLS

Soft Skills: Active Learning, Collaboration, Effective Communication, Problem Solving, Design Thinking, Data Analysis, Agile methodology, Adaptability
Programming languages & frameworks: Python, Java, C/C++, R, SAS, HTML, CSS, JavaScript, PHP, React, React Native, Angular, SQL, Swift, SQL, TensorFlow
Tools & Technologies: Git, Jira, IntelliJ IDEA, Microsoft 365 (Teams, Outlook, Excel, OneDrive), VMWare (Workstation, Horizon, vSphere), TeamViewer

EXPERIENCE

Web Developer Associate | *Schulich School of Medicine & Dentistry at Western University* 02/2025- 08/2025
- Collaborated on front-end development and UI/UX improvements for high-traffic academic web pages and the Rapport Magazine 2025, enhancing accessibility and user engagement.
- Designed and implemented AI-driven data visualizations using Google Charts, turning complex data into interactive, user-friendly insights.
- Conducted comprehensive technical QA across web pages—including broken links, accessibility, responsiveness, loading speed, and structured data (e.g., LD Schema, Robots.txt)—to improve crawlability and SEO performance.
- Collaborated with cross-functional teams to prototype and refine content, accelerating delivery timelines and improving overall site responsiveness.

Full-stack Developer | *StorageVault Canada Inc.* 10/2021- 09/2023
- Participated in sprint planning, daily stand-ups, and retrospectives to ensure timely and high-quality deliverables in DataVault Agile team and working closely with business leaders and designers to align on project requirements.
- Developed React components (such as date picker, toggle switch, paginations, hover effect, map API) and implemented interactive elements, enhancing user experience.
- Supported testing and maintenance for client portals and product pages using Node.js and PHP, following best practice in data security and cloud integration.
- Identified and resolved technical issues, ensuring smooth operation and user satisfaction.

Full Stack Developer Intern | *FlexSpace Logistics, subsidiary of StorageVault Canada* 06/2021 – 10/2021
- Collaborated with a cross-functional team in FlexSpace Logistics, actively engaging in business discussions to align site design with business objectives.
- Designed wireframes using Figma and developed site functionalities with WebFlow, contributing to brand messaging and higher conversion rates.
- Database optimization: engaged in troubleshooting and optimizing database to improve data retrieval speed and efficiency
- Identified and resolved technical issues, ensuring a seamless user experience and system stability.

Website Maintenance Helper | *Mississauga Carmel Mandarin Alliance Church* 06/2018-Present
- Maintained a user-friendly and up-to-date website for the church community using WordPress.
- Successfully collaborated with Elder Board to meet with their requirements and enhance the website's functionality

EDUCATION

University of Guelph 09/2023 – Present
Computing in Computer Science
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management. Systems, Software Engineering, Artificial Intelligence.

Fanshawe College 01/2021-05/2023
Ontario College Diploma in Web Development and Internet Application
- Developed proficiency in HTML, CSS, JavaScript, React, Angular, PHP, and SQL.
- Worked on multiple group projects and gained hands-on experience in agile development, focusing on collaboration and iteration.
- Key Projects: E-commerce Website (Game Shop Website using Angular), Interactive Dashboard (Data Visualization Dashboard using D3.js and React), Bouncing Ball Mobile Game (React Native).

University of Toronto Graduated
Bachelor of Science in Applied Statistics and Major in Mathematics
- Relevant Coursework: Probability Theory, Statistical Inference, Regression Analysis, Time Series Analysis, Financial Mathematics, Advanced Calculus, Linear Algebra.
- Key projects: Nutrition Intervention Monitoring Surveys (Statistical Analysis Project using SAS Macro) etc.