Linfeng Xu

Software Engineer

778-678-8035 / james2012.shun@gmail.com / LinkedIn / GitHub
Victoria, BC

SKILLS

Languages: C#, Java, MySQL, SQLite, PHP, HTML, CSS, JavaScript
Frameworks: .NET, Spring, React.js, Next.js, Tailwind CSS
Tools: NPM, Node.js, VS Code, Visual Studio
Others: English, Mandarin, Working well within a team, Interested in distributed system and cloud services

---

PROJECTS & EXPERIENCE

Portfolio Website – *Dec 2022 – Now*
Personal Project

- Built multiple single page applications such as the Quizzical and Tenzie with **React.js**.
- Integrated single page applications with the portfolio website developed by **Next.js**.
- Described the presentation of web pages by using **Tailwind CSS** framework.
- Developed the portfolio website to the production stage and deployed it.

Remote ECG Monitoring System – *Jan 2019 – Dec 2021*
University of Victoria

- Designed software that enables the target user to provide remote ECG monitoring services for their patients.
- Built server with only **Model** and **Controller** parts to handle requests, and designed various **RESTful API** for clients to access.
- Queried and manipulated data via **Object-Relational Mapping**.
- Created a **WinForm** application as **View** of the system, and used **.NET** framework in the development of interface.
- Developed multiple interfaces to allow users to manage and view patient information and ECG appointments, handle viewing multiple ECG monitoring processes.
- Implemented authentication and authorization for the server to prevent unauthorized access by assigning and examining **JSON Web Token**.

Chicago Crime Map – *May 2017 – June 2017*
University of Victoria

- Built an embedded **SQLite** database and imported Chicago crime locations spreadsheet from the City of Chicago government.
- Searched the region, which has the most crime cases in Chicago, according to their coordinates.

EDUCATION

Master of Electrical and Computer Engineering – *April 2022*
Bachelor of Computer Science – *Dec 2018*
University of Victoria