Xinyue Hecate Li

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SKILLS

- Programming Languages: Python, Java, C++, C, JavaScript, SQL, PHP
- Libraries & Frameworks: Spring Boot, React, MangoDB, Node.js, Express, Vue, MyBatis-Plus, JPA
- Tools: Git, VSCode, WordPress, Maven, JetBrains IDEs(IntelliJ/PyCharm/DataGrip), MySql, LaTeX

EDUCATION

University of Toronto   Sept 2022 – Present
Honours Bachelor of Science   Toronto, ON

- **ASIP-Computer Science** Specialist, **Statistics** Minor; **CGPA:** 3.78; **Dean's List Scholar**
- *Relevant Courses:* Software Design, Software Tools and System Programming, Programming on the Web, Introduction to Databases, Enriched Introduction to The Theory of Computation

EXPERIENCES

Full Stack Website Developer   Sept 2023 – Present
University Health Network (UHN) - Kidney Health Education and Research Group   Toronto, ON

- Led innovative website development with **WordPress** and **PHP**, improving user experiences
- Rewrote the homepage for enhanced user-friendliness and resolved website bugs
- Maintained and updated websites, skillfully integrating **SQL** databases to optimize data management
- Collaborated with the development team to proactively identify and fix website bugs, ensuring seamless user experiences
- Collaborated with UX designer to enhance user interactions and outreach; Transformed design and specs into visually appealing, functional web elements

Recognized Study Group (RSG) Leader   Sept 2022 – Present
CSC258, CSC240, CSC110, MAT137   Toronto, ON

- Proficiently organized and adeptly led study group sessions with up to 7 students, effectively facilitating in-depth discussions and comprehensive reviews of challenging class-related topics
- Demonstrated strong leadership by collaborating with group members to establish clear goals and action plans, fostering an environment of active participation and ensuring that each member contributed to meaningful discussions

PROJECTS

NutriTrack   Jan 2023
Spring Boot, MyBatis Plus, MySql, Vue, JavaScript   (Github)

- Designed and developed a full-stack web application that allows users to record their daily food intake, visualizes the analyzed data and gives personalized recommendations
- Implemented with **MyBatis Plus, MySql** for data transmission and **ECharts** for data visualization

Kitchen Wizard   Jan 2023
React, JavaScript, Sql, Beautiful Soup   (Github)

- A recipe suggestion application that enables users to input ingredients they own or dislike and returns a list of recipes that have the fewest missing ingredients to help users making meal planning more efficient and personalized
- Utilized **Beautiful Soup** to scrape related resources and stored in local database; Implemented an efficient search algorithm for quick recipe retrieval, enhancing user-friendly resource access

Monopoly: Adventure at UofT   June 2023 - Aug 2023
Java, Github   (Github)

- Demonstrated exceptional expertise in both design and implementation by seamlessly integrating the Destiny block into the project's architecture, ensuring a perfect alignment with project specifications
- Conducted thorough testing of the Destiny and Property block, carefully validating their functionalities and interactions to guarantee a robust and error-free user experience

Chinese Media Navigator   Nov 2023
Python, Pandas, Plotly Dash   (Details)

- Developed interactive features on the website, allowing users to dynamically explore and analyze diverse datasets pertaining to Chinese diplomatic activities across various global locations
- Implement advanced data visualization techniques using **Python** and **Plotly Dash**

CERTIFICATES & ACHIEVEMENTS

- **Advanced React**, Coursera Meta   July 2023
- **HTML & CSS in depth**, Coursera Meta   June 2023
- **Certificate of Distinction**, Euclid Mathematics Contest   2021 & 2022