RUI-JIA MENG

SOFTWARE ENGINEER

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Objective

Software engineering student aiming for a software engineering internship to apply my programming skills, contribute to meaningful projects, and gain practical experience in a dynamic team environment.

Skills & abilities

I have expertise in Java, Python, C, C++, OCaml and Linux and excel in creating responsive, user-friendly websites with JavaScript, HTML and CSS. My strong software design and testing skills allow me to develop robust, efficient, and scalable software solutions.

Experience

Hackathon (developer) | February 2023

- Developed automated testing and motion detection in **Python**, enhancing its applicability in security and monitoring.
- Designed and tested **REST APIs** using Python, incorporating Dynamic and Static Analysis to ensure robustness and reliability.

McHacks (front-end developer) | March 2023

- Develop and maintain responsive, user-friendly, and visually appealing websites using programming languages **JavaScript, HTML, and CSS**.

Renren (Data product/data analysis intern) | summer 2023

- Create practical plans and match resources and improve how these plans work after implementing them using **python** library Pandas and NumPy.
- Learned the basics of **MySQL database, Spring MVC and XML configurations.**
- Provided strategic direction on technology choices, resulting in optimized performance and up to 10% cost savings.

McGill CSSA (web design and graph design) | September 2022- January 2024

- Developed and managed high-performance web applications using **HTML, JavaScript, and CSS**, focusing on scalability and security.
- Crafted engaging, user-focused websites and graphics, using tools like **Canva** to boost user engagement and clearly communicate themes.
- Automated repetitive tasks using scripts, saving the team approximately 50 hours monthly

Education

McGill University (09/2022 - (Present) | 📍 Montreal, CA)
Major in software engineering | BS
Minor in Statistic | BS

-Earned a 3.8 GPA and completed relevant coursework in computer science, statistics, and software engineering.
-Completed courses in Advanced Programming, Data Structures, Software Testing and Software Design.

Communication

Languages speaking: English: Fluent | French: Fluent | Chinese: Fluent

Strength/skills

-Software testing	-Java, Python, C++, HTML/CSS, JavaScript
-Software design	-Analytical and critical thinking abilities
-Graphic design	-Documentation and communicative skills