Xingyu Hu

Waterloo, ON

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github.com/KrisWho

SUMMARY OF QUALIFICATIONS

- Skilled in data analytics using Python, SQL, and Excel demonstrated through projects and work experience
- Deep understanding of computer science fundamentals including data structures and algorithms
- Strong communication skills with working proficiency in French gained from work experiences in Quebec
- Excellent interpersonal, leadership, and customer service skills evidenced by past retail and nursing experience

PROJECTS

Amazon Web Scraper   Mar 2024 - Present
- Developed an Amazon web scraper using **BeautifulSoup** and **requests** libraries in **Python** to track price changes of selected products
- Integrated with **MySQL** database for persistent storage, designed relational schema using SQL Constraints, and used joins and aggregate functions for data analysis and retrieval
- Implemented data analysis and visualization using **Pandas** and **Matplotlib** within **Jupyter** Notebook, enabling analysis of price trends and fluctuations over time
- Leveraged cron jobs to schedule automated scraper runs, configured email notifications with **smtplib** in Python to alert users of any price decreases

Personal Website   Apr 2024 - Present
- Designed and implemented a responsive personal website using HTML, CSS, and JavaScript
- Implemented four pages and developed a contact form with integration to Google Sheets for storage

EXPERIENCE

Store Manager   Mar 2021 – Aug 2021, Montreal, QC
Chatime
- Led a team of four staff members at a bubble tea store, providing guidance, training, and motivation to ensure high levels of productivity and customer satisfaction
- Utilized **Excel** to manage inventory levels, track stock movements, and create optimized shift schedules for workers, resulting in a 15% improvement in stock wastage and a 25% in scheduling accuracy
- Demonstrated exceptional customer service by promptly addressing customer inquiries, resolving order issues, and ensuring a consistently high level of service delivery
- Implemented and enforced store policies and procedures to maintain operational efficiency and uphold Chatime's standards of quality and excellence in product and service delivery

Licensed Practical Nurse   Jan 2020 – Nov 2020, Montreal, QC
St. Mary's Hospital
- Provided care to patients in hospitals and long-term care institutions during practicum placements, demonstrating proficiency in administering medications, monitoring, and assisting with daily living activities
- Collaborated effectively with healthcare teams to ensure comprehensive patient care and treatment plans

EDUCATION

Honours Bachelor of Mathematics   Sep 2023 – Present
University of Waterloo, Waterloo, ON
- **GPA:** 90/100

Licenced Practical Nurse   Nov 2018 – Nov 2020
ACCESS, Montreal, QC

SKILLS

- **Technical Skills**: Excel, Python, SQL, C, C++, HTML, CSS, JavaScript, R, BeautifulSoup, Pandas, Matplotlib
- **Communication**: Fluent in English & Mandarin, Working proficiency in French