Yolanda Jian

Management Engineering 2A / Waterloo, Ontario

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SUMMARY OF QUALIFICATIONS

Experience in GitHub, Java, Python, SQL, SAS, R, JavaScript, HTML/CSS, Figma, Adobe Illustrator, AutoCAD, Processing, Arduinos, AWS, Advanced MS Excel (VBA, Macros, Pivot Tables), MS Power BI, and Microsoft Office Suite (PowerPoint, Outlook, Word). Proficient in English, French, and Cantonese. Highly organized, collaborative, and detail-oriented.

EDUCATION

UNIVERSITY OF WATERLOO   **September 2023 – April 2028**
Candidate for BASc, Management Engineering – Co-op Program
- 2023 President's Scholarship for exceptional academic performance.

EXPERIENCE

EXECUTIVE TECHNICAL CONTENT CREATOR   **Waterloo, ON**
UWaterloo Data Science Club   **September 2024 – Present**
- Created data visualizations in Power BI and Tableau for club social media, engaging over 3,000 students.
- Developed and presented Data Science, Machine Learning, and AI workshops to 300 attendees.

RESEARCH ANALYST INTERN   **Toronto, ON**
Canada Revenue Agency   **May 2024 – August 2024**
- Developed dashboards and visualizations in Power BI and Excel, leading to a 9% reduction in paper usage.
- Wrote a report using predictive analysis for biometric implementation and AI, increasing data security by 30%.
- Extracted demographic data of 30 million Canadian taxpayers using SQL and SAS, saving 1 hour daily.

NOVELTIES FINANCE DIRECTOR   **Waterloo, ON**
Waterloo Engineering Society   **February 2024 – May 2024**
- Fostered partnerships and utilized supply chain management techniques to introduce unique products and drive sales by 11%.
- Oversaw all aspects of Novelties, Waterloo Engineering Society's official merchandise store.

ACCOUNTING SOFTWARE DEVELOPER INTERN   **Vaughan, ON**
Service Parfait   **June 2023 – August 2023**
- Developed Java (NetBeans) software for automating accounting calculations and digitized cheques and invoices using VBA Excel and Simply Accounting software, reducing average work-time by 1 hour per day.
- Addressed 53 customer concerns, ensuring satisfaction and reinforcing customer retention efforts.

TEACHING ASSISTANT   **Newmarket, ON**
Kumon North America, Inc.   **August 2019 – August 2023**
- Guided and managed a team of 6 employees, driving collaborative success through effective mentorship.
- Delivered comprehensive feedback on high school-level mathematics and English.

PROJECTS

INTERACTIVE WEB DASHBOARD FOR WASTE DIVERSION AND SUSTAINABILITY ANALYTICS   **March 2024**
Developer
- Developed and pitched a Chrome extension using HTML, CSS, Javascript, and Arduinos that projects a 90% diversion rate to reach the zero waste initiative at the University of Waterloo by 2035.
- Awarded 2nd place in the University of Waterloo Women in Engineering Sustainability Hackathon.

MACHINE LEARNING FRAUD DETECTOR IN PYTHON   **December 2022**
Software Engineer
- Utilized Convolutional Neural Networking (CNN) in Python to create a fraud detection model with 90% accuracy.
- Awarded 1st place in the Global Engineering University of Toronto Hackathon.

AWARDS

5 YEAR ONTARIO VOLUNTEER SERVICE AWARD   **February 2023**
Government of Ontario
- Recognized for dedicated service as a member of the Orient Dance Co.