

Contact

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(LinkedIn)

Top Skills

Sprint boot

docker

Microsoft Azure

Certifications

CS50X

Java Spring Boot: Professional
eCommerce Project Masterclass

Linux Training Course

GitHub Foundations

Java Programming for Complete
Beginners

Honors-Awards

International Transfer Student
Entrance Award

York University Continuing Student
Scholarship

UNHack 2024 - Bergeron
Entrepreneurs in Science and
Technology

Yi Wang

Co-Founder @ SREDSimplify | Computer Science Student @ York
University
Vaughan, Ontario, Canada

Summary

Hi, I'm Yi Wang, a passionate programmer with a strong foundation in economics, statistics, and computer science. Currently pursuing a Bachelor of Science in Computer Science at York University in Toronto, I aim to become a skilled full-stack developer.

I hold a Bachelor's degree in Economics and a Master's in Applied Statistics. Previously, I worked as a data analyst in the banking credit sector, where I gained expertise in data analysis, problem-solving, and business insights.

Now, I focus on web development, combining technical skills and creativity to design user-centric software solutions. My strengths include full-stack development, data management, and programming in languages like React, Python, and Java.

Beyond coding, I enjoy fitness, gaming, and traveling, which inspire new ideas and keep me motivated. Let's connect to collaborate on impactful projects and innovative solutions!

Experience

SREDSimplify

Full-stack Developer

July 2025 - Present (7 months)

Toronto, Ontario, Canada

Co-founded and developed SREDSimplify, an AI-powered platform that automates SR&ED tax credit filing for Canadian tech companies — reducing time, cost, and human error throughout the claim process. The platform integrates intelligent document interpretation, workflow automation, and cloud-based scalability to help startups and SMEs streamline their SR&ED compliance.

Key Contributions & Achievements:

AI-Powered Analysis: Integrated OpenAI GPT-4 via Spring AI to interpret unstructured R&D narratives and generate CRA-compliant T661 documentation with 95 %+ accuracy, validated by domain experts.

Workflow Automation: Engineered automation pipelines that cut the typical SR&ED filing cycle from 3–5 business days to under 1 hour, reducing dependency on external consultants.

Full-Stack Development: Led end-to-end development with React + TypeScript on the frontend and Spring Boot on the backend, achieving 100 % cross-device compatibility and a seamless user experience for startups and SMEs.

Secure & Scalable System: Implemented Spring Security with role-based access control, supporting 500 + concurrent user sessions in stress testing without degradation.

Cloud Deployment & CI/CD: Deployed on Azure using Docker Compose, achieving 5× faster deployment and zero-downtime updates through continuous integration pipelines with real-time logging and monitoring.

Beijing Ruitian Xinshi Data Technology Co., Ltd.

Data Analyst

May 2022 - March 2024 (1 year 11 months)

Data Modeling & Analysis: Developed and optimized credit scoring models using Python and Hive SQL, improving prediction accuracy and reducing default risks.

Reporting & Visualization: Created data-driven dashboards and business reports using MySQL, enabling informed decision-making for management.

Process Optimization: Enhanced credit approval workflows by leveraging data insights, reducing processing time, and improving customer experience.

Cross-Functional Collaboration: Partnered with technical and business teams to translate complex data into actionable strategies and trained team members on analytical tools.

Education

York University

Bachelor of Arts - BA, Computer Science · (August 2024 - May 2026)

Lassonde School of Engineering - York University

Bachelor of Arts - BA, Computer Science · (September 2024 - January 2026)

Henan University of Economics and Law

Master's degree, Statistics · (September 2020 - June 2022)

Zhengzhou University

Bachelor of Commerce - BCom, Economics · (September 2016 - June 2020)