Sarah Huang

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EDUCATION & COURSEWORK

Software Engineering, *BESc,* Western University   May 2026

Business Administration, *HBA,* Ivey Business School   May 2026
- Linamar Scholarship for Women in Engineering & Business ($35,500)
- Western Scholarship of Distinction ($3,500; 95%+ Entrance Scholarship)

SWE coursework: Software Design, Software Project and Process Management, Database Management Systems
Business coursework: Decision Making with Analytics, Strategy, Operations, Leading People in Organizations, Communications

EXPERIENCE

Cohere, Toronto, ON

Engineering Program Manager Intern - Retrieval Augmented Generation (RAG) & Model Safety   May 2024 - Present
- Led the **product development** of an AI agent productivity assistant to improve workplace efficiency using enterprise data
- Analyzed model performance and led efforts to improve benchmark performance by **88% in 3 weeks**
- Articulated and prioritized customer user journeys based on **user interviews and data analysis** (**Python, SQL**)
- Led a team of 4 engineers and **aligned efforts** with upper leadership, modelling, and UI/UX teams

Project Manager - Data & Evaluation   Aug 2023 - May 2024
- Designed a vendor evaluation pipeline from scratch, **reducing data issue detection time by 75%**
- Defined and **analyzed evaluation metrics** to validate vendor output for senior stakeholder visibility
- Communicated discrepancies through **calls and documentation** with vendor engineers to align data quality with model needs
- Improved data quality by **25% over two weeks**

Software Engineer Intern   May 2023 - Aug 2023
- Managed the **product life cycle** of an internal annotation software, from conception to maturity
- Conducted user interviews to identify user pain points and needs, resulting in a **15% increase in user satisfaction**
- Analyzed product usage feedback from annotators to make **data-driven feature decisions,** increasing **productivity by 53%**
- Pitched the final product to the Chief Technology Officer and founding engineers

Meta - MLH Fellowship, Remote   Jun 2023 - Sept 2023
Production Engineer Fellow
- Designed and deployed an open-source portfolio website with **Python**, Flask, Jinja, MySQL, Nginx, Docker
- Led 3 engineers to develop product features that **aligned with the use cases** of future collaborators
- Implemented container monitoring, alerting, and visualization to **analyze memory usage** of repository collaborators
- Presented weekly insights and project reports to fellows, Meta engineers, and program leaders

LEADERSHIP & ACTIVITIES

Hack Western, London, ON   Mar 2023 - Present
VP of Events
- Collaborated with a team of 26 to organize food, events, and sponsors for 400 hackers at one of Canada's largest hackathons
- Aligned efforts of the events team with requirements from the hackathon directors and sponsors

Ivey Product Society, London, ON   Jan 2024 - Feb 2024
Fellow - https://drive.google.com/drive/folders/10qauJljt3fB-KtPUWVO5Bg_s2KPMpR_6?usp=sharing
- Conducted 10+ user interviews to craft a **PRD** on optimizing function discovery for increased user productivity on Google Sheets
- Presented the final product to PM leaders at Uber, Patreon, and Google

RBC Design Thinking Program, Toronto, ON   Oct 2022- Nov 2022
Product Lead - https://youtu.be/FMHS3Yp4kG8
- Prototyped an application interface on **Figma,** adding functions based on common student and club administrator use cases
- Pitched the final product to RBC executives, Western's Vice-President of Equity, Diversity and Inclusion, and faculty deans

SKILLS

- SOFTWARE: Proficient in *Python, SQL, JavaScript, HTML/CSS, Java;* Intermediate proficiency in *TypeScript, Golang*
- PRODUCT: Proficient with *Linear, Agile,* & *Looker*
- DESIGN: Proficient with *Figma, Canva,* & *Adobe Creative Suite*
- SPOKEN LANGUAGES: Native proficiency in *English* & *Mandarin*, intermediate proficiency in *French*