



Youjing Lydia Li

Software Developer & Product Data Scientist

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Technical Tools

Java Python

SQL Git

C++ MATLAB

JIRA SolidWorks

Trello Tableau

Education

University of Toronto Sep 2020 – May 2022

Master of Information in Human-Centered **Data Science**

University of Waterloo Sep 2015 – May 2020

Bachelor of Applied Science in **Electrical Engineering**

Extracurricular

Co-Founder

UW Computer Graphics

Public Speaker

UW Toastmasters

Vice President

UW Chinese Dance

Stylist & Model

UW Style Society

TECHNICAL HIGHLIGHTS, 2016 – 2021

DEVELOPMENT INTERNSHIPS

Nvidia Santa Clara, CA

Software Developer, Cloud Infrastructure • Jan - Apr 2019

DESIGN: Made data-driven decisions from surveys and interviews to prioritize 10+ MVP features. Designed **personas, wireframes, and journey maps**.

Software Developer, Hardware Infrastructure • May - Aug 2018

BUILD: Shipped an MVP showing potentials in Electrical/Mechanical CAD repository data. Analyzed user story and **grew dashboard users by 50%**.

Ford Motor Waterloo, ON

Software Developer, Data Telemetry • Sep - Dec 2017

CODE: Automated company-wide postprocessing data cleaning. Worked with Bug Fix teams on notification feature, improving **click-through rate by 25%**.

DATA SCIENCE INTERNSHIPS

University of Toronto <https://TorontoAfterTheFirstWave.com>

Research Assistant, Big Data Analytics • Sep 2020 – May 2021

ANALYZE: Integrated **high-dimensional datasets** to enhance quality of spatial analysis. Resulting dashboard attracted 15,000 Twitter viewers in 3 days.

The Digital Accelerator <https://NRCCan.gc.ca/digital-accelerator/>

Data Scientist, Machine Learning • Dec 2020 – Mar 2021

RESEARCH: Moved fluidly from analytics vision to MLOps details. Architected neural networks to fine-tune and to **increase OCR system stability by 20%**.

MANAGEMENT INTERNSHIPS

ServiceNow San Diego, CA

Technical Program Manager, Cloud Platform • May 2021 – Aug 2021

RESOLVE: Resolved program issues and managed timelines. Provided reporting and automation **using SQL and Python**. Managed stakeholder relationships.

Microsoft Toronto, ON

Product Marketing Manager, Azure Data & AI • Aug - Nov 2019

BRAND: Converted voice of customers to **actionable engineering-facing user stories**. Executed go-to-market strategies, increasing adoption by 30%.

Sun Life Financial Waterloo, ON

Program Coordinator, Network Operations • May 2016 - Apr 2017

MANAGE: Executed million-dollar LAN/WAN projects. **Uncovered opportunity** and built a centralized project-tracking website, saving 2h weekly.