

# Linda Yang

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[github.com/lindaayangg](https://github.com/lindaayangg)

[devlinda.com](http://devlinda.com)

## SKILLS

<b>Languages</b>	Python, Java, JavaScript, TypeScript, C++, C, SQL, HTML/CSS, MATLAB, R
<b>Frameworks</b>	React, Electron, Spring, Spark, Django, Android, Magento
<b>Tools</b>	AWS, Docker, ELK, MySQL, Redis, Memcached, Terraform, Git

## EXPERIENCE

### **Meter Parts** | Software Engineering Intern

Remote | Jan. 2021 – Apr. 2021

- Took ownership in the end-to-end development and deployment of the **React TypeScript** scanner interface
- Developed an angle-tuning algorithm in **Python** to automate scan optimization, reducing setup time by 20%
- Introduced a load-balanced Elastic (ELK) stack on **AWS EKS** for monitoring 3 applications

### **SkipTheDishes** | Software Developer Intern

Winnipeg, MN | Sep. 2019 – Apr. 2020

- Created a **Java** microservice to display ideal restaurants based on zone throttling and marketplace rankings
- Cached data-intensive queries using **Redis** to increase response times by 30%
- Developed an algorithm in Spark to selectively store zone values, reducing requests frequencies by 33%

### **Formlabs** | Web Developer Intern

Somerville, MA | Jan. 2019 – Apr. 2019

- Developed 6 stateful React components within Django CMS that were modular and highly re-usable
- Wrote Python scripts to extract, transform, and load 100+ records of press data to a new Django platform
- Ported JavaScript and jQuery modules to React components to increase reliability and consistency

### **Sydney R. Stone** | Web Developer Intern

Mississauga, ON | Jun. 2018 – Aug. 2018

- Developed a Magento e-commerce website using HTML, CSS, JavaScript, and jQuery
- Collaborated with back-end developers using PHP to improve check out speed by 32%

## PROJECTS

### **CoderIntuition**

Ongoing

- Developed on both frontend and backend of an interactive coding education platform using Java and React

### **WiCS**

2020

- Led a team of 3 to develop a brand new React website for University of Waterloo WiCS

### **Wave**

2019

- Developed a React web application providing file and data transfer via sound wave technology

## EDUCATION

### **University of Waterloo**

2017 - 2022

Bachelor of Mathematics

- Computational Mathematics Major, Statistics Minor, C&O Minor

## INTERESTS

Cello, Piano, Photography, Skating, Fitness, Hamsters