





Linda Yang

3rd Year Computational Mathematics Student

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Experience

SkipTheDishes

Sep. 2019 – Present | Winnipeg, Manitoba

Junior Software Developer Intern | Customer Order Conversion

- Took ownership in developing a Java backend microservice to display appropriate restaurants to customers by calculating zone throttle and marketplace rank values
- Implemented server-side caching using Redis to cache data-intensive queries, increasing response times by 30%
- Developed an algorithm to store delivery zone values, reducing the number of heavy calculation calls from per user request to once every 3 minutes
- Involved in developing the menu silo project by splitting SQL implementation of a repository into smaller repositories to improve application reliability

Formlabs

Jan. 2019 – Apr. 2019 | Somerville, Massachusetts

Web Developer Intern

- Developed 5 stateful React components mounted within DjangoCMS with focus on performance and reusability
- Designed 5 Django object-oriented models to persist in PostgreSQL and created controllers to expose them through REST APIs to fulfill front-end customization
- Wrote Python scripts to extract, transform, and migrate 100+ records of press data to the new Django platform
- Ported existing JavaScript and jQuery based front-end modules to React components to meet project scope

Sydney R. Stone

Jun. 2018 – Aug. 2018 | Mississauga, Ontario

Web Developer Intern

- Developed a new Magento e-commerce website using HTML, CSS, JavaScript, and jQuery that generated high traffic
- Collaborated with back-end developers using PHP to improve checkout experience speed by 32%
- Performed quality assurance to discover errors, optimize usability and ensure compliance with project scope

Projects

Covid-19 API

2020

- A Java based API for tracking data of the covid-19 global pandemic, providing the latest data on confirmed/deaths/recovered/active cases and timelines

Wave

2019

- An application suite providing cross-platform file and data transfer via sound wave technology

Other Projects

2018

ToolsBucket | Distractic | BudgetBuddy | SafeMe | GroShare

Skills

Languages

Java	Python	C
JavaScript	jQuery	SQL
TypeScript	HTML/CSS/SCSS	

Framework

Spark	React	Django
Android	Redux	Magento

Tools

MySQL	Redis	AWS
PostgreSQL	Terraform	Git
Memcached	ElasticSearch	

Activities & Honours

Hackathons

HackTheSix Top 10 Finalist (2018)
Attended 7 hackathons (2018-2019)

Leadership

Mentor at SkipTheDishes + UMWICS
Mentor & Mingle Event (2020)

Student Mentor at UMWICS CS Mixer
Event (2019)

University of Waterloo Orientation
Week Leader (2018)

Awards

Term Dean's Honours List (2018)

Other Interests

Piano, Cello, Fitness, Gymnastics

Education

University of Waterloo

Bachelor of Mathematics

Sep. 2017 – Present

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