

# Linda Chen

Vancouver, B.C., Canada (open to relocation)

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## EDUCATION

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### Ivey Business School, Western University

London, ON, Canada

MSC IN INTERNATIONAL BUSINESS WITH CEMS (GPA: 3.9/4.0)

Jan.2018 - Oct.2019

- Exchanged to Tsinghua University in Beijing, China and FGV in São Paulo, Brazil

### King's College, Western University

London, ON, Canada

B.A.IN GLOBAL COMMERCE, MINOR IN POLITICAL SCIENCE

Sept.2013 - Dec.2017

- Dean's Honor for 2 years

## EXPERIENCE

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### Towards Data Science

Toronto, Canada

EDITOR (PART-TIME)

Aug. - Dec.2020

- Read, curated, and edited 25 articles/day. Topics include data science, programming, and machine learning.

#### Side Project:

- Built a full-stack **NLP** recommendation engine to match reviewers and articles, which optimized the workflow by 30%.
- Cleaned the data using **Python (NLTK package)**. Trained the ML model by using the pre-trained **GloVe** model.
- Deployed the model using the **Flask** framework with **HTML**, **CSS**, and **Bootstrap** as the front-end.

### YouGreen Cooperative

São Paulo, Brazil

BUSINESS ANALYST AND CONSULTANT (BA)

Apr. - Oct.2019

- Analyzed the sales data to redirect the team's energy. As a result, the sales team completed **52%** of the annual target in 1 month.
- Mobilized and coordinated all departments to develop and initialize a company-wide business process improvement plan.

## PROJECTS

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### Trendy Movie Web Application

A ONE-PAGE WEB APPLICATION TO DISPLAY TRENDY MOVIES.

- Created back-end server with **RESTful** APIs using **Golang (net/http and HttpRouter packages)** to handle JSON requests and responses.
- Used **GraphQL** to fetch and display information from a remote API. Optimized user experiences by providing a search filter to only display movies that includes the searched words.
- Implemented a login function, a permission to modify the database, by using JSON Web Tokens (JWT).
- Built the front-end with **React** (functions and **hooks**).

### Casting Agency Web Application

A WEB APPLICATION TO ALLOW AGENTS TO CREATE MOVIES AND ASSIGN DIFFERENT ACTORS TO THOSE MOVIES.

- Created the back-end with **RESTful** APIs using Python (**SQLAlchemy** and **Flask** framework), built a database with **PostgreSQL**, and set up automated tests by using **Postman**.
- Implemented authentication flow by using **Auth0**. Authorized different hierarchies different sets of permissions to view, add, update and delete movies and actors in the database.
- Built the front-end using HTML, CSS and JavaScript. Deployed the application to **Heroku**.

### Building CI/CD Pipeline for Flask App

A CI/CD PIPELINE TO BUILD, TEST, AND DEPLOY CODES WITH AWS

- Wrote a **Dockerfile** for a simple Flask API by using the production-ready **Gunicorn** server. Built and tested the container locally.
- Created a **AWS Elastic Kubernetes Service (EKS)** cluster and secured a secret using **AWS Parameter Store**.
- Created a **AWS CodePipeline** pipeline triggered by GitHub checkins to automatically build, test, and deploy updates to the cloud.

## ONLINE CERTIFICATES

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2020 **Full-stack Developer Nanodegree**, Udacity

- Database Management, API designs, Authentication, CI/CD using AWS, Docker, and Kubernetes

2020 **Data Scientist Nanodegree**, Udacity

- Exploratory Data Analysis, Data Engineering, Data Modelling, ETL and ML pipelines, A/B testings

2020 **Computer Science Path**, Codecademy

- OOP basics, Data Structures and Algorithms

2020 **Agile Fundamentals: Including Scrum and Kanban**, Udemy