Linda (Wen Rui) Chen

linnndachen@gmail.com | +1-778-862-9982 | Vancouver, Canada
https://github.com/linnndachen | https://linnndachen.github.io/

Skills

- **Languages:** Python (primary), Go
- **Back End:** SQL, MySQL, PostgreSQL, Flask
- **Front End:** HTML, CSS, JavaScript, Bootstrap, React
- **DevOps:** Docker, Kubernetes, AWS CI/CD (CodePipeline, EKS)
- **Other Knowledge:** Data Structure and Algorithms, Data Analysis, Machine Learning Algorithms
- **Soft Skills:** Communication, Business Acumen, Agile Methodology

Work Experience

Towards Data Science, Toronto, Canada   Aug. – Dec.2020
Editor (Part-Time)
- Read, curated and edited 25 articles/day on average on data science, programming and machine learning topics.
- Built a side project to reduce the time of finding the right reviewer by ~30% on average by building an NLP recommendation engine in Python using **GloVe**. Deployed the model by building a **Flask** web app with **HTML**, **CSS**, and **Bootstrap**.
- Supported peers to successfully launched their data analysis project by providing technical feedbacks and initiating weekly calls to hold them accountable.

YouGreen Cooperative, São Paulo, Brazil   Apr. – Oct. 2019
Business Analyst and Consultant (BA)
- Utilized data analysis skills to help the sales team achieving 90% of our annual sales target from 37% in 1 month. Created dashboard for sales team and led weekly sales meetings. Coordinated all departments to develop and initiate a 4-month company-wide business process improvement plan.

Selected Projects

Trendy Movie – in Golang   Jul. 2021- present
- Building a single page app with **HTML**, **CSS**, and **React** for the frontend. Implementing RESTful APIs. Using Go to handle JSON and authentication. **GraphQL** to handle requests. Securing the site with JWT.

Casting Agency Full Stack Web App – in Python   Aug. 2020
- Built a **Flask** web application that granted 3 different roles different access to information.
- Built a frontend using **HTML**, **CSS** and **JavaScript**, and a database with **PostgreSQL**.
- Implemented RESTful APIs; used JWT (Auth0) for authentication management; tested the application using unit tests and Postman; and deployed the application to Heroku.

Building CI/CD pipeline for Flask App – in Python   Jul. 2020
- Created a CI/CD pipeline triggered by GitHub check-ins by using **AWS** CodePipeline and CodeBuild.
- Containerized a simple Flask API by using **Dockers** and **Kubernetes**. Created EKS cluster to run the Kubernetes on AWS. Secured the pod by using AWS IAM.

Education

Ivey Business School, Western University, London, ON, Canada   Jan. 2018- Oct. 2019
MSc (Master of Science) in International Business with CEMS, GPA 3.9/4
- Exchanged to Tsinghua University, Beijing China and FGV, São Paulo Brazil

King's College, Western University (UWO), London, ON, Canada   Sept. 2013- Dec. 2017
B.A. in Global Commerce and minor in Political Science, Dean's Honor list for 2 years

Relevant Certificates

Working with React and Go (Udemy)   Jul. 2021 – present
- Curriculum: core fundamentals of React, including classes, functions and hooks. RESTful APIs in Go that handles JSON requests and serves JSON responses. API in Go that handles GraphQL requests

Go Bootcamp (Udemy)   Jul.2021 – present
- Curriculum: Go OOP, Go type System Mechanics, creating Go packages, and using Go tools. Mastering Go with exercises and small projects.

Learn Go (Codecademy)   Nov. 2020
- Curriculum: Go environment, data types and variables, conditional statements and functions.

Full-stack Developer Nanodegree – in Python (Udacity)   Jun. – Aug. 2020
- Curriculum: database management, API designs, Authentication, and CI/CD using AWS, Docker, and Kubernetes. Learned SD best practices such as code refactoring, documentation and testing.

Computer Science Path – in Python (Codecademy)   Feb. – Apr. 2020
- Curriculum: OOP basics, and implementations of data structures and algorithms.

Interest

- Reading, especially in philosophy and ancient history. An active member of a bi-weekly book club hosted by the Logic Department of Tsinghua University in Beijing, China.
- Writing, a technical blogger on medium and do creative writings in both English and Chinese.