

Haoyan Li

[Emeryli.me](https://emeryli.me) | [Linkedin.com/in/emeryli](https://linkedin.com/in/emeryli) | [Github.com/emeryli](https://github.com/emeryli) | (778) 230-2484 | HelloEmeryLi@outlook.com

PROFESSIONAL EXPERIENCE

Data Analytics Intern | Interior Health Authority May 2024 - September 2024

- Contributed to a smooth **data migration** during a company-wide technology transition
- Developed **11+ dynamic Power BI reports** that transformed complex datasets into actionable insights
- Authored and distributed internal memorandums to **1000+ recipients** on key organizational updates
- Designed strategy roadmaps, and developed **Python** scripts to **automate the ETL process from 11,000+ rows** of data in Excel, **reducing manual effort by 99%** and significantly improving data accuracy
- Collaborated with cross-functional teams in the development, testing, and production stages

Coding Tutor | Okanagan College September 2023 - April 2024

- Tutored **30+ first-year students** in weekly programming labs, both in-person and online
- Managed a **550+ users' platform**, and **assigned role-based accesses** to facilitate peer-to-peer knowledge sharing
- Adapted diverse teaching methods to build up students' confidence and a strong coding foundation

Business Intelligence Intern | Tolko Industries May 2023 - August 2023

- Developed **55+ custom PostgreSQL** scripts for customers to meet the diverse data needs of internal customers
- Collaborated with 5 department leaders to identify key metrics and **customize Power BI dashboards**
- Optimized existing programs and implemented system changes, resulting in **improved system stability**

Data and Reporting Analyst Intern | Nokia May 2022 - September 2022

- Conducted **18 Power BI unit tests** to validate data accuracy, functionality, and performance
- Identified and reported data issues in Azure DevOps, providing detailed **root cause analysis** for timely resolution
- Investigated and resolved a data source inconsistency issue, mitigating confusion around data definition

PORTFOLIO

Personal Website | [Emeryli.me](https://emeryli.me)

Academic Prediction Using Machine Learning | [GitHub](#) | [Exploratory Data Analysis](#)

The model forecasts students' test scores with 88% accuracy. It is deployed on Azure for scalability and efficiency, empowering students and educators to optimize educational strategies.

Web Application Using Django and React | [GitHub](#)

The web application utilizes Django RESTful APIs to facilitate interactions between the front and back ends, enabling login authentication and integrating the backend prediction model.

EDUCATION

Okanagan College Kelowna, Canada
Diploma, Computer Information Systems 2022 - 2024

- Academics:** Dean's Lists (F'22, W'22); North Okanagan Community Foundation Scholarship (F'23)

South China University of Technology Guangzhou, China
Bachelor of Science, Information Engineering 2015 - 2019

- Coursework:** Computer Ethics (A), Information Security (A+), Data Visualization (A), Databases (A)
- Extracurricular:** Data Analysis Hackathons (F'16, W'16, F'17, W'17)

ADDITIONAL INFORMATION

- Skills:** Data Analysis & Visualization, Databases, Python, JavaScript, R, HTML, CSS, Git, Scikit-Learn, Power BI
- Volunteer:** Archivist @ The Museum & Archives of Vernon, Info Guide @ W'23, W'24 College Career Fair
- Interests:** Coding, Puzzling, Anime Drawing, Blogging
- Status:** Canadian Citizenship