



# CHI TRAN

## DATA ANALYST

LINKEDIN

GITHUB

### LANGUAGES

- English - Fluent
- Finnish - Novice
- Vietnamese - Native
- German - Intermediate

### EXTRACURRICULAR ACTIVITIES

- Statistical Learning from Stanford Online (February 2020 - March 2020).
- Certification from Udemy in "Python for Data Analysis and Visualization" (June 2020).
- Certification from Cambridge University in the English Language, Advanced Level (January 2017).
- The board member of a roller derby league Kallio Rolling Rainbow (since September 2019).

## PROFILE

Chi is a Data Analyst who is proficient with Machine Learning and has a strong background in Finance that includes years of working experience as an Investment Consultant and a relevant major in her Master's degree. In addition to Finance and the business domain, she is passionate about applying herself in the gaming industry, e-commerce and retail, and heavy industry. Moreover, she has experience working directly with clients and in the startup environment. At the workplace, Chi has exceptional time management skills, an analytical mindset, and attention to detail all of which stem from her working experience.

## RECENT PROJECTS

### Application of Machine Learning in Index Tracking

Matlab, Machine Learning, Ridge Regression

A Master's thesis project that presents an analysis of an artificial intelligence-based model in index-tracking the Ridge regression model. The model is carried out on the real-world dataset, the FTSE 100 stock index with data ranging from 2009 to 2014.

### Gross National Savings (% GDP)

Matlab, Machine Learning, Self-Organizing Map, Decision Tree, Support Vector Machine

Worked in a group to explore what economic variables impact the level of gross saving (% GDP) of countries by applying different machine learning tools. Contributions included collecting and processing data, and writing the code for the Self-Organizing Map.

### Stock Market Indicators: S&P 500 Companies

Python, Pandas, Numpy, Matplotlibs, BeautifulSoup

A Python library that allows the users to calculate the values of 9 different technical indicators to then make the trading decision. Worked in a team and responsibilities included writing the code for the On-Balance-Volume, Average Directional Index, Moving Average, and Moving Average Convergence Divergence methods.

## SKILLS

**Programming Languages:** MATLAB, Python, R.

**Data Analysis:** Numpy, Pandas.

**Data Visualization:** Matplotlib, Seaborn, Tableau.

**Databases:** MongoDB, PostgreSQL.

**Machine Learning:** Scikit-learn.

**Cloud:** AWS, Microsoft Azure.

## EXPERIENCE

### Data Analyst

Integrify | Helsinki, Finland | April 2020 - Present

### Institutional Investment Consultant

BIDV Securities Joint Stock Company | Hanoi, Vietnam | June 2016 - July 2017

- Supported hedge and managed funds to trade stocks as a broker. Handled 3 stock deals valued at \$1.5 million USD.
- Provided financial modeling expertise that included advanced knowledge of R and SQL.
- Performed data analysis and visualization tasks using Bloomberg and Tableau.

### Wealth Management Associate

BIDV Securities Joint Stock Company | Hanoi, Vietnam | August 2014 - May 2016

- Managed a portfolio of over 30 accounts of high-net-worth individuals with the portfolio valued at \$1 million USD.
- Selected stock investments by analyzing stock data related to risk, return, and correlation by using R and MATLAB.
- Conducted meetings with clients to access their objectives and risk profile to further design investment plans.

## EDUCATION

### M.Sc. in Economics and Business Administration

Lappeenranta University of Technology | Lappeenranta, Finland | September 2017 - December 2019

### Hons. Bachelor of Art, Specialization in Economic

York University | Toronto, Canada | September 2013 - June 2015