



# HAI NGOC VO

## ABOUT ME

I am a Self-taught R user who is passionate about working with number. I am also interested in solving business' optimization & operation problems.

## HONORS AND AWARDS

### MSc International Scholarship | 2019

#### BI Norwegian Business School

This scholarship is awarded to students with strong academic records, covering two-year tuition fee

### Dean's List | Autumn-2020

#### BI Norwegian Business School

The Master of Science Dean's List recognizes academic excellence

## CONTACT INFORMATION

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## Education

### BI Norwegian Business School

Master of Science in Business, Major in Logistics, Operations and Supply Chain Management | 2019-2021

GPA: 4.1/5

Relevant Module:

- Operation Management & Planning, Business Optimization
- Data analytics with programming

### Foreign Trade University Ha Noi

Bachelor degree in International Business Economics | 2014 - 2018

GPA: 3.3/4

## Skills & Certificates

### AWS

Solution Architect - Associated Certificate

### R programming

Tidyverse, Tidymodels, shiny, rmarkdown, data.table

### SQL

Basic function and intermediate tools: CTE, Subqueries

### Python

Numpy, Pandas

## Personal Projects

### An R package to retrieve Vietnam stock data

This package allows users to import Vietnam stock data into R directly by sending requests to vndirect.com or cafef.vn. [Source code](#)

### Shift schedule optimization Web app

This Web app enables users to schedule working shifts with multiple customized options that meet their specific needs, e.g., how many employees there are in a shift, and whether a person could work two continuous shifts per day. [App](#)

### A script to scrape Vietnam highschool graduate exam scores

The code is written using R language to download about 1 million records of data on Vietnam high school graduate exam in 2021. [Source code](#)

### A dashboard to visualize Vietnam statistics data

This dashboard is built based on data from Vietnamese Statistic Department, which allows users to explore census, education and economy data by province. [App](#)

### CVRP solver with metaheuristic algorithm

This web app uses genetic and simulated annealing algorithm to solve Capacitated Vehicle Routing Problem (CVRP) on standard benchmark data. Results are visualized accordingly. [App](#)