



*Current state: Available*

# LE VAN Y

Data Science at FPT Telecom

## EDUCATION

2012-2017: **Petro Viet Nam University**  
Major: Geological Petroleum Engineering  
(GPA: 8.08/10)

## PERSONAL INFORMATION

**Email:** y.levan@outlook.com  
**Phone:** 0359133606  
**Birth date:** 09/05/1994  
**Add:** 231 Hoang Huu Nam, 9 district, HCMC  
**Git:** <https://github.com/levany02?tab=repositories>

## PROGRAMMING SKILLS

Strongly work with Python, Typescript/JavaScript  
Pandas, Scikit-learn, Tensorflow or Pytorch  
Framework: Sanic, Flask or Django, Protractor, Selenium  
Productionizing Models, Recommendation engine, Classification  
Familiar to work with Github

## SOFT SKILLS

**Language:** English (Intermediate)  
IELTS(5.5/9.0)  
**Office:** Word, Excel, Powerpoint  
**Personalities:** work effectively under high pressure, easily adapt to new environment

## WORK EXPERIENCE

Data Science at FPT Telecom | 7/2019 - now

- **Building Search Engine:**

Built search engine base on Elasticsearch with three main processes: Data preparation > Indexing & Storage > Search Query. Using default search algorithms BM25 and focusing on customizing analysis (tokenizer-*mostly*, character filter, token filter) and computing and ranking score for search query.

- **Building Recommendation System:**

Deployed a recommendation engine to production to conditionally recommend other items based on session. The selected algorithms is recurrent neural network with GRU, increasing play distribution from recommendation by 7%.  
Built recommendation model content-based filtering using IF-IDF algorithm to recommend other items similar to what the user like, based on their previous actions.

- **Building Micro-Services**

Implemented API micro-services for Recommendation System, Search, Related in Python (using Sanic framework). Optimized query to SQL, MongoDB, Elastic and running time API to handle the accepted traffic (10,000 requests/s)

Testing Automation Engineer at LogiGear VietNam | 10/2017 - 5/2019

- Re-build Protractor Framework : wrapping all of low-level functions, handling exception, serialize and deserialize objects to optimize when run data-driven
- I take responsibility for coding and managing API test suits.
- Web Automation: scripting code UI testcases, strongly capture web elements by Xpath
- Integrating with Jenkins - Building test cases - Automation test case - Run test - Report
- Reporting and Write Bug descriptions