

# PHAM XUAN KHOAI

## Data Scientist

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## EXPERIENCE

### Data Science Manager

#### TopCV Joint-stock Company

📅 Oct. 2020 - Now

- Recruiting and building a cohesive, cross-functional team (size: 12-18) including AI Engineers, Data Analysts, Data Engineers, Data Labelling Specialists.
- Overseeing and operating the activities of the Data Science team.
- Providing AI-based solutions to integrate with products in HR Tech ecosystem: Job Recommendation, Candidate Recommendation, CV Parser, ...
- Collaborating with stakeholders to apply data analytics to improve production and workflows, driving TopCV towards data-driven decision making.

### AI Engineer

#### TopCV Joint-stock Company

📅 Jan. 2020 - Dec. 2021

- Building smart systems and modules integrated with existed systems

### Data Scientist

#### Finsify Co.,Ltd

📅 Sep. 2017 - Aug. 2018

- Developing data analysis services: bank transactions classification, captcha solver.

### Research Scientist

#### VNG Corporation

📅 Aug. 2016 - Apr. 2017

- Developing fraud detection system for Zalo Pay
- Developing Natural Language Understanding in Dialog system for 123Xe Service

### Data mining & Machine Learning Engineer

#### Rich Anchor Technology

📅 Dec. 2015 - Aug. 2016

- Developing recommendation system for Alezaa eBook store
- Developing data analysis services for Money Lover

## EDUCATION

### B.S. in Computer Science

#### FPT University

📅 2011 - 2015

📍 Hanoi, Vietnam

## PUBLICATIONS

### Building a Spoonerism Detection System for Vietnamese

Thai-Hoang Pham, Xuan-Khoai Pham

Proceedings of the 32nd Pacific Asia Conference on Language, Information and Computation, Hong Kong, ACL Anthology, 2018

### NNVLP: A Neural Network-Based Vietnamese Language Processing Toolkit

Thai-Hoang Pham, Xuan-Khoai Pham, Tuan-Anh Nguyen, Phuong Le-Hong

Proceedings of the 8th International Joint Conference on Natural Language Processing, Taipei, Taiwan, ACL Anthology, 2017

### On the Use of Machine Translation-Based Approaches for Vietnamese Diacritic Restoration

Thai-Hoang Pham, Xuan-Khoai Pham, Phuong Le-Hong

Proceedings of the 21th International Conference on Asian Language Processing, Singapore, IEEE, 2017

### Building a semantic role labelling system for Vietnamese

Thai-Hoang Pham, Xuan-Khoai Pham, Phuong Le-Hong

Proceedings of the 10th International Conference on Digital Information Management, Jeju Islands, South Korea, IEEE, 2015

## ACHIEVEMENTS

- Third Prize (Rank 10), ACM-ICPC Asian Regional Contest (site Vietnam) - 2015
- Honorable mention (Rank 21), ACM-ICPC Asian Regional Contest (site Thailand) - 2015
- Second Prize, Informatics Olympic Contest for Students, Division A - 2014
- Third Prize, National Contest for gifted students, Subject: Physics - 2011