

**2006 – 2011** **Researcher, CDIT, Vietnam.**

- Designed solutions and developed applications for Vietnam Post, used in all post offices in all cities and provinces: Telecommunications service management, money transfer service management, parcel and package management, auto-update application.
- Platform & Techniques: Window & Web Based Applications, .NET, C#, SQL-Server, Oracle.

*At the same time, I held the position as outsource software engineer for Vingroup, Vietnam.*

- Built HR system, Booking online, Member Management System, Real Estate Management.
- Platform: Window & Web Based Applications, C#, .NET, DevExpress, SQL-Server.

**2004 – 2006**

**Software Engineer, Vinacomm, Vietnam (VCCorp).**

- Built content management system, news and financial (stock) service applications. Built indicator, candle, pattern recognition and rebuilt system with new technology, C#, .NET, MemCache, NoSQL-Redis.

## Honors and Awards

1. **National award in Mathematics**, competition for every high school student. 1999
2. **Selected for Best Papers** of the Industrial Conference on Data Mining Conference 2016
3. PhD Fellowship, NTNU, Norway 2017–2021

## Skills

- **Programming:** C#, .NET, Java, C++, Matlab, Python, PHP, Javascript (jQuery), RDBMS (SQL Server, Oracle, MySQL), NoSQL (MongoDB, Redis), Git.
- **Data Science:** Data Mining (MOA), Machine Learning (scikit-learn, Keras, PyTorch, TensorFlow), SQL (SQL Server, Oracle, MySQL), Pandas, Numpy, Scipy, Matplotlib.
- **Research:** Event Detection, Dense SubTensor Detection, Dense Subgraph Detection, Network Analysis, Pattern Mining, Sketching, Optimization, Data Mining and Knowledge Discovery, Statistical Analysis.
- **Tools:** Visual Studio, Eclipse, RStudio, Jira, Mantis Bug Tracker, Mind Manager, Ext.Net, DevExpress, PyCharm, CodeSmith Generator.

## Publications

- 14 peer-reviewed scientific articles, 196 citations, h-index 8.
- For more details, please see my Google Scholar: <https://scholar.google.com/>

## Languages

Vietnamese (native), English (fluent), Norwegian (Studying Level 2 at NTNU), Chinese (basic).

## References

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