

ABOUT US



- > ISI, SCI, SCIE journals
- > Top conferences
- Scopus journals/conferences
- > Patents

Publications: 130+ (2015-2022)





- > National project: 4+ projects.
- → Ministerial project: 6+ projects.
- > **UET&VNU project**: 15+ projects.
- > Industrial project: 2 project.

Total grant: 20+ billion VND

Teaching Courses
Data Mining
Advanced Topics of Information System
E-commerce Systems
Domain-driven data mining
Big data processing
Visual data analysis
Principles of Operating Systems
Etc.









HISTORY



Organize weekly scientific seminars for more than 20 years.



The predecessor: "the Data Mining and Application Research Group" (1998 - 2006)



Founded since 2010 as the Satellite Laboratory "Knowledge Technology and Data Safety" (2006-2010)



Officially established on November 15, 2010



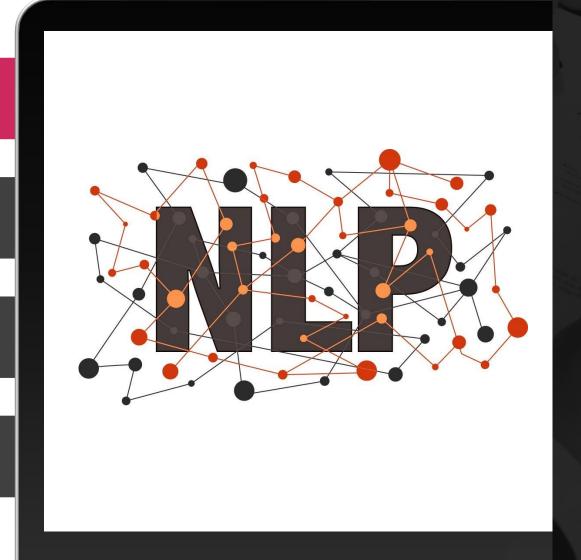












NLP & TEXT/WEB MINING

- Opinion Mining
- Sentiment Analysis
 - BioNLP
- Intention Mining
- Question & Answering
 - Dialogue Systems











PROCESS MINING

- Abstraction of Events
 - Trace Clustering
 - Concept Drift
 - Process discovery
- Process conformance
- Model enhancement











KNOWLEDGE INTEGRATION

- Entity Alignment
- Ontology Construction
- Ontology Enhancement
 - Online Learning Task
- Reinforcement Learning Task











DATA AND BUSINESS ANALYTICS

- Customer Insight
- Sequential Recommendation
- Upsell/cross-sell Recommendation
 - Market Basket Analysis
 - Customer Satisfaction Analysis
 - Opinion Mining



LECTURERS



Assoc. Prof. Ha Quang Thuy

- * Rough set Mining
- ❖ Data Mining (Text, Web, etc.)
 - Process Mining
 - ❖ Lifelong Learning
 - Business Analysis



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Assoc. Prof. Phan Xuan Hieu

- * Machine Learning
- Natural Language Processing
 - Business Intelligence
 - Business Analysis



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Assoc. Prof. Tran Trong Hieu

- Knowledge Technology
 - ❖ E-commerce
- Computer Architecture
 - ❖ Information Safety
- Project Management



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Dr. Tran Mai Vu

- Data Mining (Text/Web, etc.)
- ❖ Natural Language Processing
 - Big Data Analysis
 - Business Analysis



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Dr. Le Hoang Quynh

- ❖ Natural language processing
 - ❖ Data mining
 - Business intelligent
 - Machine learning













LECTURERS



MSc. Can Duy Cat catcd@vnu.edu.vn

- Deep Learning
- ❖ Natural Language Processing





MSc. Vuong Thi Hai Yen yenvth@vnu.edu.vn

- * Machine Learning
 - ❖ NLP in Law





MSc. Vuong Thi Hong hongvt57@vnu.edu.vn

- Data Mining
- Sentiment Analysis





MSc. Nguyen Thi Cam Van vanntc@vnu.edu.vn

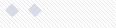
- ❖ Natural Language Processing
 - ❖ Multimodal ML



MSc. Pham T. Quynh Trang trangptq@vnu.edu.vn

- ❖ Lifelong Learning
- ❖ Natural Language Processing











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ADJUNCT LECTURERS

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Assoc. Prof. Nguyen Anh Linh

University of Warsaw

Poland

 \bullet

Prof. Do Van Tien

Budapest University of Technology and Economics

Hungary

Assoc. Prof. Nguyen Cam Tu

Nanjing University of Science and Technology

China

Dr. Nguyen Viet Cuong

HPC SYSTEMS Inc.

Japan

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Dr. Nguyen Thanh Son

Singapore

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Dr. Vu Tien Thanh

Australia

Dr. Tran Nam Khanh

Amazon

Germany

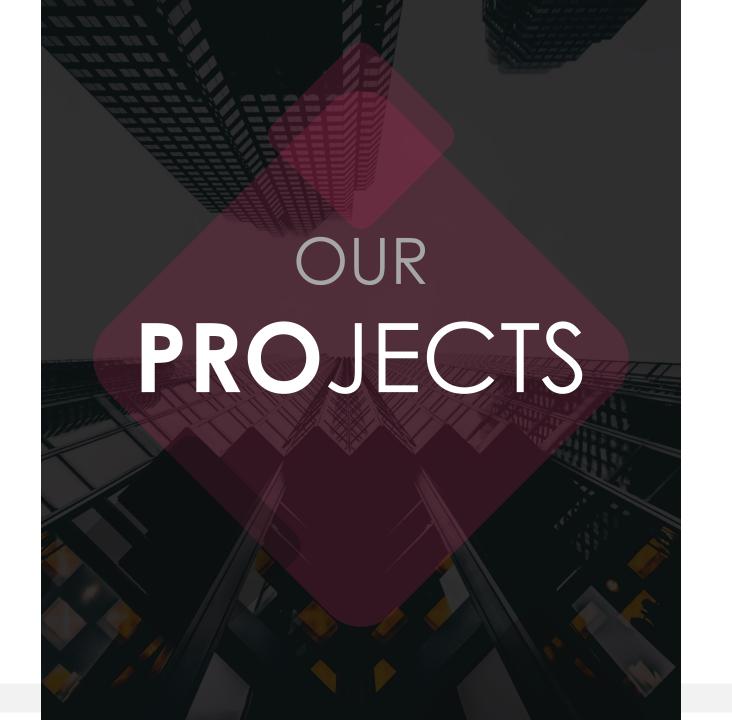










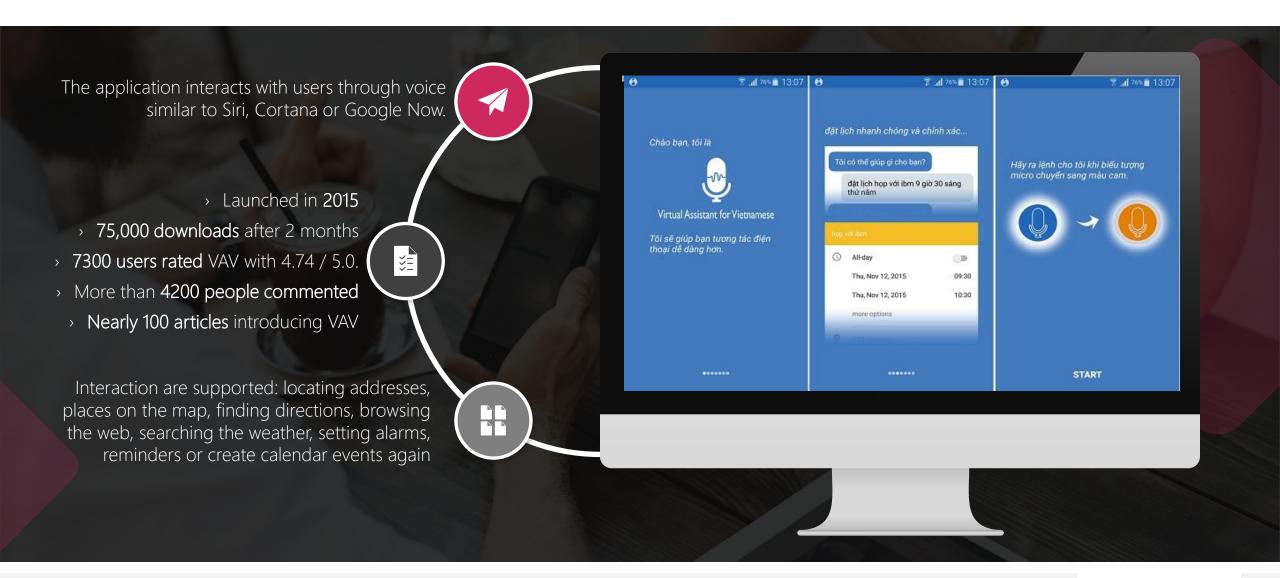


DC: DEEP CUSTOMER



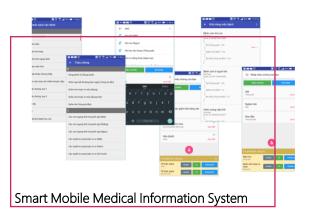


VAV: VIRTUAL ASSISTANT FOR VIETNAMESE



OTHER PROJECTS

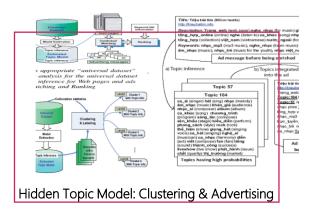


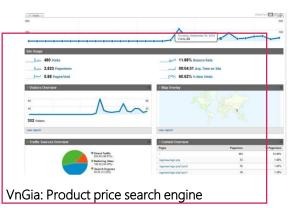








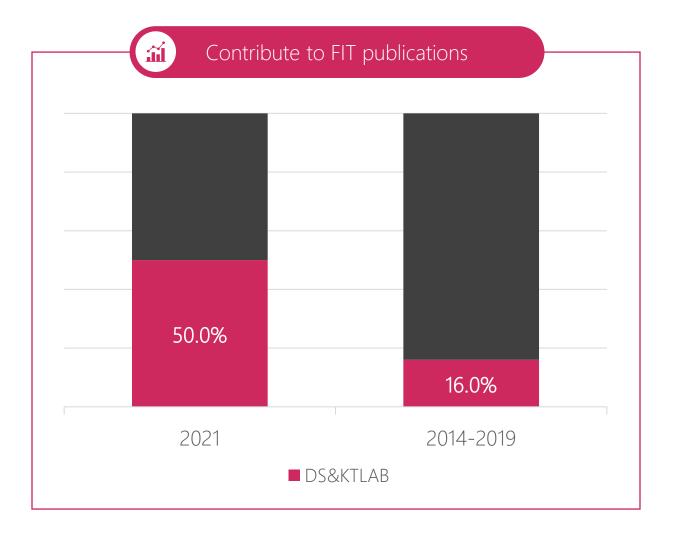








PUBLICATIONS





~20 publications each year

Top conferences:
IJCAI, AAAI, ACL, KDD,
ACM TALIP, CONLL,
WWW, EMNLP, NAACL, ACM CIKM, etc.

ISI, SCI, SCIE journal:
PLoS One, Oxford Database,
Bioinformatics, ACM TWEB, IEEE TKDE,
Journal on Al Tools, etc,





COLLABORATION





COLLABORATION













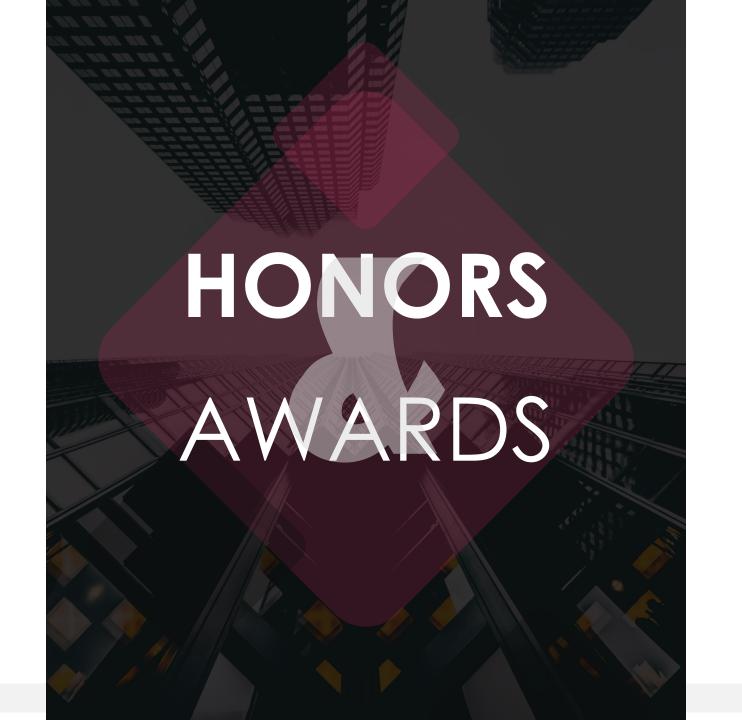












HONORS AND AWARDS



DS&KTLAB

Merit from the Prime Minister

Merit from the Ministry of Education and Training

Strong research group

Science and technology awards





LECTURERS

Golden Globe Awards

Typical young faces

Labor Medal

Merit from the Ministry of Education and Training





STUDENTS

Student research awards

Honda YES and YES plus awards

6 valedictorians

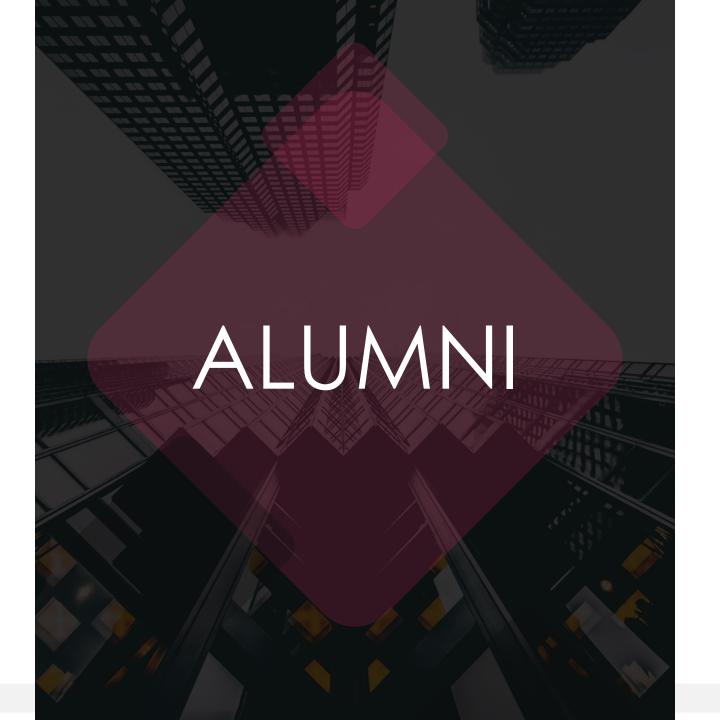
Enterprise scholarships: Samsung, Panasonic, VIN, Viettel etc.











ALUMNI















- > Excellent thesis defense results
 - Good research results
 - Many honor awards

200++ Bachelors 100+ Masters 10+ Doctors

10-30 students each year



- Good position at top companies: Viettel, FPT, Samsung, Panasonic, Google, Amazon, Microsoft, etc.
- PhD and MSc scholarships at top universities.



