



PANGGIH KUSUMA NINGRUM

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BRIEF INTRODUCTION

Ningrum is a Ph.D. Fellow in Natural Language Processing (NLP) at Lucien Tesnière Research Center - Linguistics and Automatic Language Processing (CRIT), UBFC, France. She is currently working on the InSciM (Modelling Uncertainty in Science) research project, which is funded by the French ANR.

EDUCATION

Ph.D in Natural Language Processing – University of Bourgogne Franche-Comté (France)
2022 – Present

Masters in Research Methodology – Prince of Songkla University (Thailand)
2017 – 2019
GPA: 3.97/4.00

Bachelors in Law Science – Semarang State University (Indonesia)
2006 – 2010
GPA: 3.64/4.00

PROFESSIONAL EXPERIENCES

- **Visiting Guest Researcher (2023)**
at GESIS - Leibniz Institute for the Social Science (Germany)
Developing an NLP-based interactive system for identifying scientific uncertainty in scholarly full text. The system employs a fine-grained annotation scheme and a weakly supervised technique, combining pattern matching, Regex, complex sentence checking, and authorial reference checking at the sentence level.

- **Platform Growth Analyst (2020 – 2021)**
at Skilledd (Singapore)
Responsible for the recruitment process improvement, talent acquisition and development, and partnership management.
- **Field Employee Relationship (2016 – 2017)**
at PT. RUMA, Tbk. – Gojek Group (Indonesia)
Managing employees in 20 branch offices across Java region, handling labor relation issues and tribunal cases, securing all services in the organization were following professional standards, policies, and laws.
- **Field Human Capital (HC) Management Analyst (2013 – 2016)**
at PT. RUMA, Tbk. – Gojek Group (Indonesia)
Identifying bottlenecks and the needs to improve the performance of field HC team, designing effective workflows to simplify field HC business process.
- **TV Presenter (2011 – 2017)**
at Kompas TV Jawa Tengah (Indonesia)
Centre point for a TV program named "Advontur" - one of travelling programs that cover and explore about tourisms, culture, and uniqueness of Indonesia. Acting as the host, introduce and interview guests, and delivering information to the audience in a manner appropriate to the program.

PUBLICATIONS

- **Scientific Uncertainty: an Annotation Framework and Corpus Study in Different Disciplines**
In 19th International Conference of the International Society for Scientometrics and Informetrics (ISSI 2023), Bloomington, Indiana, US.
Authors: : Ningrum, P.K., Atanassova, I.
- **Text Mining of Online Job Advertisements to Identify Direct Discrimination During Job Hunting Process: A Case Study in Indonesia**
Published in PLoS One Journal (2020)
Authors: Ningrum, P.K., Pansombut, T., & Ueranantasun, A.
- **The Role of the Artificial Intelligence in the Labour Law Relations in European and Asian Aspect**
Published in İnsan&İnsan Journal (2021)
Authors: MÉLYPATAKI, G., RICZU, Z., MÁTÉ, D., & NINGRUM, P.K.
- **Employer or Owner? The Character of Platform Work**
Book Chapter in Sustainability in the Gig Economy, published by Springer, Singapore (2022)
Authors: MÉLYPATAKI, G., MÁTÉ, D., NINGRUM, P.K., & RICZU, Z.

- **A platform munkavégzés jellemzői – munkáltató, vagy tulajdonos?**
The Age of Internet Platforms – Social Impacts and Regulatory Challenges Conference at University of Public Service Hungary (2021)
Authors: MÉLYPATAKI, G., MÁTÉ, D., NINGRUM, P.K., & RICZU, Z.
- **Identifying Gender Stereotypes in Indonesia for Accounting Job Positions in Online Job Ads**
Presented at International workshop - Research Method in Practice (2018)
Institution: Faculty of Science & Technology, Prince of Songkla University, Thailand
Authors: Ningrum, P.K., Pansombut, T., & Ueranantasun, A.

RESEARCH PROJECTS

- **Modelling Uncertainty in Science (InSciM), France (2022 - present)**
Funded by French ANR JCJC ([ANR-21-CE38-0003-01](#))
- **Research collaboration project with Faculty of Law - University of Miskolc - Miskolci Egyetem, Hungary (2020 - 2021)**
Topic: Artificial Intelligence & Labour Law
- **Research project with Research Methodology Department, Faculty of Science & Technology, Prince of Songkla University, Thailand (2018)**
Title: Student's Satisfaction Toward OFO Bicycle Service in PSU Pattani, Thailand.
- **Research project with Research Methodology Department, Faculty of Science & Technology, Prince of Songkla University, Thailand (2018)**
Title: The Analysis of Factors Affecting Preferences of Online Shopping Users in PSU Pattani, Thailand.

ACADEMIC EXPERIENCE

- **Trainer & Researcher (Nov 2019 – 2022)**
at AnalyticaID (Indonesia)
Responsible for managing, developing, designing, coordinating as well as delivering training programs, and conducting research with research collaborators.

- **Academic Committee (Sep 2019 – Nov 2019)**

- at 7th Asian Academic Society International Conference (Thailand)**

- Ensuring the rigorous standards of the scientific process by taking part in the peer-review system, evaluating article submissions focusing in Law, Humanity & Social Science, and providing feedback on the paper, suggesting improvements and making a recommendation to the editor about whether to accept, reject or request changes to the article

- **Teaching Assistant (Basic R program for Statistics) (Jan 2019 – Jun 2019)**

- at Faculty of Science and Technology, Prince of Songkla University (Thailand)**

- Performing teaching or teaching-related duties to assist professors.

- **Invited Speaker at IT Open House (Feb, 2019)**

- at Fatoni University (Thailand)**

- Topic: AI, Big Data, & Text Mining

AWARDS AND ACKNOWLEDGEMENTS

- Ph.D. Fellowship holder in Natural Language Processing at UBFC (2021 – Present)
- Top 3 Best Final Project of Indonesian Women in Tech: Programming with Python – Thematic Academy Digital Talent Scholarship. Sponsored by Indonesian Ministry of Communication and Information Technology and Cisco (2021)
- Awardee Thailand Education Hub ASIAN Countries (THE-AC) Scholarship (2017-2019)
- The Best Graduate from Faculty of Law, Semarang State University (2011)
- Tourism Ambassador of Sawahlunto City, West Sumatera, Indonesia (2005 – 2006)

LANGUAGES

- Indonesian (Native)
- English (C1)
- French (Beginner)
- Javanese (Native)
- Minangkabau (Native)
- Tansi (Native)

TOOLS & SOFTWARES

- **Data Management and Data Analysis**



- **Project Management and Documentation**



- **Writing & Reporting**



- **Others**

