Faiz Ghifari Haznitrama

Ph.D. Student at UILab, KAIST

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Education

Ph.D. in Computer Science

Korea Advanced Institute of Science and Technology (KAIST) *(2024 - Present)*

UILab -- Research in multilingual NLP, reasoning under uncertainty, and human-centered AI.

M.Sc. in Computer Science

Korea Advanced Institute of Science and Technology (KAIST) *(2021 - 2023)*

Master of Computer Science at KAIST, School of Computing.

B.Sc. in Informatics

Institut Teknologi Bandung (ITB) *(2015 - 2019)*

Studied computer science with a focus on artificial intelligence and natural language processing.

Experience

Lead Researcher

PT. Feedloop Global Teknologi / Feedloop.ai -- Indonesia *(Dec 2023 - Mar 2026)*

Lead the research and development team of Feedloop. Improve the current RAG-based pipeline with an increase in performance of up to 20%. Research in making our own LLM, VLM, TTS, AutoML pipeline, and LLM-based apps.

Student Researcher

UILab, KAIST -- Daejeon, South Korea *(Feb 2024 - Present)*

Conducting research on multilingual NLP, reasoning under uncertainty, and human-centered AI. Focusing on how language models can better understand and communicate across diverse linguistic contexts.

NLP Engineer

PT. Prosa Solusi Cerdas / Prosa.ai -- Indonesia *(Sep 2019 - Aug 2021)*

Develop and maintain NLP-based applications/APIs. Conduct experiments in NLP (sentiment analysis, plagiarism detection, info extraction). Create and optimize resource-efficient pipeline for ML model in production.

Software Engineer Intern

E-Life Solutions Sdn. Bhd. -- Malaysia *(May 2018 - Aug 2018)*

Design system architecture for Smart Hospital Asset Management System (SHAMS). Develop server using Node.js, provide communication with hospital embedded devices.

Publications

OLA: Output Language Alignment in Code-Switched LLM Interactions
Juhyun Oh, Haneul Yoo, Faiz Ghifari Haznitrama, Alice Oh
ACL 2026 Main Conference

BabyBabelLM: A Multilingual Benchmark of Developmentally Plausible Training Data
Jaap Jumelet, Abdellah Fourtassi, Akari Haga, Bastian Bunzeck, Bhargav Shandilya, Diana Galvan-Sosa, Faiz Ghifari Haznitrama, et al.
EACL 2026 Main Conference

Survey of Cultural Awareness in Language Models: Text and Beyond
Siddhesh Pawar, Junyeong Park, Jiho Jin, Arnav Arora, Junho Myung, Srishti Yadav, Faiz Ghifari Haznitrama, Inhwa Song, Alice Oh, Isabelle Augenstein

Computational Linguistics Journal

Methodologies and Their Comparison in Complex Compound Aspect-Based Sentiment Analysis: A Survey
Faiz Ghifari Haznitrama, Ho-Jin Choi, Chin-Wan Chung
AI Open

Can LLM Generate Culturally Relevant Commonsense QA Data? Case Study in Indonesian and Sundanese
Rifki Afina Putri, Faiz Ghifari Haznitrama, Dea Adhista, Alice Oh
EMNLP 2024 Main Conference

Comparative Analysis of Recent Studies on Aspect-Based Sentiment Analysis
Faiz Ghifari Haznitrama, Ho-Jin Choi, Chin-Wan Chung
Annual Conference of KIPS

Preprints

A Neuropsychologically Grounded Evaluation of LLM Cognitive Abilities
Faiz Ghifari Haznitrama, Faeyza Rishad Ardi, Alice Oh
arXiv Preprint

Theses

Addressing Hallucination in Abstractive Dialogue Summarization via Span Identification and Correction
Faiz Ghifari Haznitrama, Ho-Jin Choi, Chin-Wan Chung
Master's Thesis, KAIST

Indonesian Qur'an Verse Extractor
Faiz Ghifari Haznitrama
Bachelor's Thesis, ITB

Research Interests

- Multilingual NLP
- Reasoning Under Uncertainty
- Human-Centered AI
- Machine Translation

Skills & Technologies

Python, PyTorch, Transformers (Hugging Face), LLMs, NLP, Machine Translation, Multilingual Models, Research Writing, LaTeX, Git, Linux, Data Analysis, Experimental Design

Languages

Indonesian -- Native

English -- Fluent

Korean -- Intermediate