

SHIRLEY ANUGRAH HAYATI

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Research Interest

Natural Language Processing, Computational Social Science, Human-Computer Interaction

Education

- 2021 - Present **PhD** at the School of Interactive Computing, Georgia Institute of Technology
Graduate Research Assistant, full fellowship
Advisor: [Diyi Yang](#)
- 2017 - 2019 **Masters in Language Technologies**, Carnegie Mellon University
Advisors: [Anthony Tomasic](#), [Eduard Hovy](#), collaborated with [Graham Neubig](#)
- 2012 - 2016 **Bachelor in Computer Science**, Universitas Indonesia
Best Graduate (GPA: 3.99/4.0)

Work Experience

- 2020 - 2021 **Research specialist** at the University of Pennsylvania
- 2019 - 2020 **Research assistant** at the University of California, Davis (collaborated with Facebook AI)
- 2015 - 2017 **Research and teaching assistant** at Universitas Indonesia
(collaborated with Indonesian Presidential Staff Office)

Selected Publications

- **Does BERT Learn as Humans Perceive? Understanding Linguistic Styles through Lexica** (EMNLP 2021 Main Conference)
[Shirley Anugrah Hayati](#), Dongyeop Kang, Lyle Ungar
- **INSPIRED: Toward Sociable Recommendation Dialog Systems** (EMNLP 2020 Main Conference)
[Shirley Anugrah Hayati](#), Dongyeop Kang, Qingxiaoyang Zhu, Weiyan Shi, Zhou Yu
- **Retrieval-Based Neural Code Generation** (EMNLP 2018)
[Shirley Anugrah Hayati](#), Raphael Olivier, Pravalika Avvaru, Anthony Tomasic, Graham Neubig

Service

NAACL 2022 Diversity & Inclusion Chair, EMNLP & NAACL 2021 Reviewer, ACL Member, Women@SCS CMU

Mentoring & Teaching

- **Research mentor** for graduate students and undergraduate students at Georgia Institute of Technology, University of Minnesota, Korea Advanced Institute of Science and Technology (KAIST)
- **Teaching Assistant** for Natural Language Processing (Carnegie Mellon University)
- **Teaching Assistant** for NLP, Artificial Intelligence, Declarative Programming, Linear Algebra, Calculus (Universitas Indonesia)

Skills

Programming Python, Java, HTML, PHP, R, MATLAB
Tools Pytorch, Dynet, Django, StanfordNLP, NLTK, Scikit Learn, Matplotlib
Languages Fluent: English, Native: Indonesian, Beginner: Chinese, Korean, French, Spanish