Sony Wicaksono

swicaksono.com

sonywi.cs@gmail.com

+62 813 1996 6652

Experience

eBdesk Technology • **AI Engineer**

January 2019 - Present

MLOps Lead

- Develop a new pipeline architecture that processes 15 times faster than the previous architecture by parallelizing the pipeline task using tools called Ray.
- Develop the ML lifecycle infrastructure that enables the researchers and engineers to build production ML/DL models at scale.
- Research and apply vital tools and infrastructure to monitor and understand the performance of complex systems.
- Support the DevOps team to deploy models in a mission-critical environment.

ML Engineer

- Research and build models on NLP tasks such as machine translation, entity extraction (NER), event extraction, entity linking (NEL), coreference resolution, and entity relation extraction in three different languages: Indonesia, Malaysia, and English.

Antam Persero Tbk • **Project Tech Manager**

September 2018 - December 2018

- Develop the information retrieval system based on SLiMS to help the mining exploration team get the precise information about the spatial, geographical, and mining data in specific areas they need for research.

Matabiru • **Web Developer (Front-End)**

January 2016 - December 2017

- Create the data visualization feature. My specialty was Using D3.js (javascript), Geoplotlib and Plotly (python).

Education

Universitas Indonesia • **BA in Library and Information Science**

January 2015 - January 2017

I did some coursework ranging from web development, digital library, computer architecture, social media analysis, and artificial intelligence. In the research area, I do have an interest in the intersection of machine learning focusing on NLP and information retrieval (IR). In the meantime, I am active in the tech conferences, such as GeekCamp Indonesia (2016), SIF Connect Singapore (2017), and INUSHARTS Indonesia (2018). To update my knowledge of the current tech I get the

chance to attend Indonesia AWS Cloud Computing and Hackathon (2018) and Campus Microsoft Student Partner (2016).

Skills

Management, Design Thinking, Writing, Ideation, Research, Prototyping, Presentation.

Tools

Management • Spreadsheet, JIRA, Notion.

Programming • Python, JS, Go.

Distributed System • Ray, NSQ, Apache Kafka.

Database • MySQL, Redis, MongoDB.

AI • spaCy, Keras, Tensorflow, PyTorch.