

ALFAN NUR FAUZAN

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EDUCATION

University of Indonesia
Bachelor Computer Science *GPA: 3.57*

Depok, Indonesia
Aug 2012 - Jul 2016

EXPERIENCE

Bukalapak
Senior AI Software Engineer

Jakarta, Indonesia
Jan 2020 - Present

- Empowering machine learning model development workflow from research into production by introducing MLOps.
- Providing research environment for AI research division developing machine learning models.

Bukalapak
AI Software Engineer

Jakarta, Indonesia
Jan 2018 - Dec 2019

- Productionization machine learning models from binary files on research environment into scalable microservices on kubernetes.

Bukalapak
Data Engineer

Jakarta, Indonesia
Jul 2017 - Dec 2017

- Streaming the entire services' database change logs to build a data warehouse that can be used for batch processing analytics.
- Building centralized tracking service for all Bukalapak's platform.

Bukalapak
Back End Software Engineer

Jakarta, Indonesia
Aug 2016 - Jun 2017

- Contributing in main Bukalapak's repository, including feature request and A/B test implementation.

SKILLS

Programming Languages: Python, Go, Scala, Javascript, C++
Concepts: Machine Learning, Microservice, CI/CD and Continuous Training (CT)
Stacks: Google Cloud Platform, MLflow, GitLab Pipeline, Kubernetes, Spark

PROJECTS

Quranize *Go, HTML, Javascript* <https://github.com/alpancs/quranize-service>
Quranize transforms transliteration into its arabic form using fast and efficient algorithm: suffix-tree for indexing and dynamic programming for parsing.

Tebakgender *Javascript* <https://github.com/alpancs/tebakgender>
Predicting gender based on name.

Sudoku *Python, HTML, Go, Javascript* <https://github.com/alpancs/sudoku>
Web service to solve Sudoku.

AWARDS

Top Performer Software Engineer SVP Technology at Bukalapak
Top performer among Software Engineers in Bukalapak AI Research division. Sep 2019

ACM-ICPC Finalist Bina Nusantara University
Top 50 in ACM-ICPC Asia Jakarta Regional Contest. Aug 2015