Alfan Nur Fauzan

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EXPERIENCE

Bukalapak   Jakarta, Indonesia
Senior AI Software Engineer   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   Jakarta, Indonesia
AI Software Engineer   Jan 2018 - Dec 2019

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

Bukalapak   Jakarta, Indonesia
Data Engineer   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 platforms.

Bukalapak   Jakarta, Indonesia
Back End Software Engineer   Aug 2016 - Jun 2017

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

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

EDUCATION

University of Indonesia   Depok, Indonesia
Bachelor Computer Science *GPA: 3.57*   Aug 2012 - Jul 2016

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.

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