

Eufrat Tsaqib

Research/Software Engineer

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Summary

Eufrat, 25, currently works on AI/ML at LinkAja and also organizing CNCF community groups across Indonesia.

He is interested in both designing and developing cloud, AI and machine learning application. In his spare time, he enjoys road cycling and tinkering.

He speaks in English, French and Indonesian.

Experience

LinkAja / Senior AI/ML Engineer

May 2020 - Present, 6 months

Digital payment service owned by the largest SOEs (BUMN) in Indonesia (four state-owned banks, national telco and national oil & gas company).

Develop AI/ML infrastructure and platform with Python, Kubernetes, GPUs, Apache Spark, Apache Kafka, TensorFlow, etc.

Develop AI/ML services including eKYC, customer segmentation, fraud detection, credit scoring, etc. for 50+ million users across Indonesia.

Nodeflux / Software Engineer

December 2018 - May 2020, 1 year 6 months (Hired Before Graduation)

First and largest computer vision AI company in Indonesia (NVIDIA Partner and ranked 25th worldwide in face recognition vendor test by NIST).

Develop a core cloud platform for deep learning analytics with Go, Python, Kubernetes, GPUs, gRPC etc. and the entire API documentation site.

Develop eKYC API for identifying 150+ million Indonesian identities and COVID-19 public mobility monitoring system on top of 2600+ CCTVs.

Nodeflux / Software Engineer Intern

July 2018 - August 2018, 2 months (Best Intern)

Benchmark object-detection systems with JavaScript, Python, Multiple MQ systems, ELK stack, and Websocket.

Benchmark video streaming protocols and decoders with RTSP, HLS etc.

Replus / Technical Lead & Co-founder

August 2017 - July 2019, 2 years

Made a small company while still in college (PT).

Supported with 690M IDR (Equivalent to 50K USD) from multiple competitions and sponsors including DIIB UI, Ministry of Research and Technology, Astra International, DIGITARAYA and Google Cloud.

Lead software team (3 people) to develop an app for energy management IoT devices with JavaScript, Polymer, MQTT, Google Cloud etc.

Education

Universitas Indonesia / Bachelor of Science

August 2015 - July 2019, 4 years

Physics Major, System and Instrumentation Minor.

Research on Hyperspectral Computer Vision at Bio-Imaging Physics Research Group (initiating DNN usage for hyperspectral imagery).

Chief Programmer KRAI Division at University Robotics Team.

Awards

NYALA Smart Energy Hackathon 2018 / 2nd National

September 2018, DIGITARAYA (Google Developers Launchpad) and Nexus SEA

PPBT Startup Funding 2018 / Selected National

March 2018, Ministry of Research and Technology of the Republic of Indonesia

App Innovation Challenge Compfest 9 / Finalist National

September 2017, Student Executive Board Faculty of Computer Science UI

KRAI Robotics Competition / 2nd Regional 2

May 2016, Indonesia Robotics Contest