Eufrat Tsaqib Qasthari

Research / Software Engineer

I am interested in both designing and developing modern web, computer vision and AI products. I do love cycling, writing and tinkering too.

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EMPLOYMENT

Nodeflux, Jakarta — *Software Engineer*

December 2018 - Present (Hired before graduation)

- Develop core image and video analytics architecture
- Develop monitoring and testing system for microservices
- Using Python, Go, Protobuf, gRPC and Kubernetes

Nodeflux, Jakarta — *Software Engineer Intern*

July 2018 - September 2018 (Batch 1 Favourite Intern)

- Develop and benchmark object-detection system
- Benchmark video streaming protocols and decoders
- Using Python, JavaScript, MQ, RTSP, DASH and WebRTC

EDUCATION

Universitas Indonesia, Depok — *Bachelor of Science*

August 2015 - August 2019

- Physics Major, System and Instrumentation Minor
- Research on Deep Learning for Hyperspectral Image at Bio Imaging Physics Research Group (2018)
- Chief Programmer KRAI Division at UI Robotics Team (2016)

PROJECTS

Replus — *DIIB UI & RISTEKDIKTI*

Develop an app for energy management devices as Lead Developer
Raised 690M IDR (Equivalent to 50K USD) through competitions and sponsors

TOSSAKA & FMIPA UI Open Days — *FMIPA UI*

Develop a registration, payment and exam results platform as Developer
Used by 9K entrants on 2 consecutive years and 12x faster entrants verification

Vacindo — *DIIB UI*

Develop a traveling app prototype as Developer
Funded with 50M IDR (Equivalent to 3.8K USD)

SKILLS

Programming Languages: JavaScript, Python, Go and C

Tools: Unix/Linux, Git, Docker, Vim, VSCode and Jupyter

Spoken Languages: Indonesian (Native), English (Proficient) and French (Familiar)

AWARDS

2nd Robotics Competition (Regional 2, KRAI) as Junior Programmer in KRAI Division

2nd NYALA Smart Energy Hackathon 2018

1st & Best Video N-Frost Innovation Contest
as Team Leader

1st PKM-KC LIGA PKM UI
as Team Leader

1st PKM-KC OIM FMIPA UI
as Team Leader

3rd PKM-AI OIM FMIPA UI
as Team Leader

Selected PKM-GT RISTEKDIKTI
as Team Leader

Finalist App Innovation Challenge Compfest 9

Winner Innovaction 2017
 (Idea Creation)

Winner Innovaction 2017
(Prototype Creation)

Notes: PKM: Student Creativity Program; DIIB: Directorate of Innovation and Business Incubation; UI: Universitas Indonesia; KRAI: ABU (Asia-Pacific Broadcasting Union) Robotics Contest Indonesia; FMIPA: Faculty of Mathematics and Natural Science; RISTEKDIKTI: Ministry of Research, Technology and Higher Education. Currency conversion calculated on project start date. Last Updated: May 15, 2019.