

Eufrat Tsaqib Qasthari

Research / Software Engineer

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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

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

Urbanhire, Jakarta — *Software Engineer Intern*

July 2017 - September 2017

- Fix various bugs and improve the main website front-end

EDUCATION

Universitas Indonesia, Depok — *Bachelor of Science*

August 2015 - August 2019

- Physics Major, System and Instrumentation Minor
- Research on Hyperspectral Computer Vision 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, Vim and

Kubernetes

Spoken Languages: Indonesian

(Native), English (Proficient) and

French (Familiar)

COMMUNITY

Cloud Native Indonesia (Under

CNCF) as Kubernetes Meetup

Organizer

AWARDS

2nd Robotics Competition

(Regional 2, KRAI) as Junior

Programmer in KRAI Division

2nd NYALA Smart Energy

Hackathon 2018

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: Feb 25, 2020.