

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

- Develop core image and video analytics API (FIRE)

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
- Develop on-boarding system components for new users

EDUCATION

Universitas Indonesia, Depok — *Bachelor of Science*

August 2015 - Present

- 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 535M IDR (Equivalent to 40K USD) from multiple competitions

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, C and C++

Tools: Unix/Linux, Git, Docker, Vim, Visual Studio Code 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)