

Eufat Tsajib Qasthari

Research / Software Engineer

I am interested in both designing and developing modern web, computer vision and AI products to broad domains.

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EMPLOYMENT

Nodeflux, Jakarta — *Software Engineer*

December 2018 - Present

- Developing core image and video analytics API (FIRE)

Nodeflux, Jakarta — *Software Engineer Intern*

July 2018 - September 2018 (Batch 1 Favourite Intern)

- Developing and benchmarking object-detection system
- Benchmarking video streaming system (protocols and decoders)

Urbanhire, Jakarta — *Software Engineer Intern*

July 2017 - September 2017

- Debugging and improving the main website front-end
- Developing on-boarding system components for new users

EDUCATION

Universitas Indonesia, Depok — *Bachelor of Science*

August 2015 - Present

- Majoring Physics, Minor System and Instrumentation
- Research on Hyperspectral Computer Vision at Bio Imaging Physics Research Group (2018)
- Chief Programmer in KRAI Division at UI Robotics Team (2016)

PROJECTS

Replus — *DIIB UI & RISTEKDIKT*

Developing smart home and building app as Lead Developer
Raised 535M IDR (Equivalent to 40K USD) from multiple competitions

TOSSAKA & FMIPA UI Open Days — *FMIPA UI*

Build 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*

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

SKILLS

Programming Languages:
JavaScript, Python and C/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 RISTEKDIKT
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; RISTEKDIKT: Ministry of Research, Technology and Higher Education. Currency conversion calculated on project start date. Last Updated: 1 January, 2019.