

# 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

### 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, 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)