Tubagus Muhammad Reza Handzalah

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EXPERIENCE

IDEMIA   Aug 2019 | present

as Software Engineer @ Card Personalization System (CPS), Jakarta Office

- Develops and tests CPS Mobile Card Configurator graphical user interface legacy application.

PT Telekomunikasi Indonesia   Jan 2019 | Jun 2019

as Data Scientist Intern @ Divisi Digital Service

- Assigned to GCP Document Recognition project.
- My contribution was developing the system's command line interface application.

PT Radar Telekomunikasi Indonesia (RTI)   Apr 2018 | Jun 2018

as Intern

- GUI project (Microsoft Visual Studio C#) for radar antenna motor.

Optical Communication System Lab   Aug 2017 | Aug 2018

as Research Assistant Coordinator (undergraduate)

- Organized FTTH Drafter Training, paid optical communication system training event with 30 participants (mostly final-year undergraduate students).
- Competed in Ristekdikti PKM. My team managed to get 2 proposals accepted.

PROJECTS

tapol.org Responsive Design   *html, css*

https://tapol-org-clone.now.sh/

- Recreated tapol.org website and made it responsive. Desktop-first design.

gojek.com Website Clone   *html, css, js (svelte)*

https://gojek-com-clone.now.sh/

- Assembled image and font assets of www.gojek.com to recreate the original.
- Blog post: 2 Tiny Improvement Ideas for gojek.com Website

Grid Collage Maker   *js (nativescript)*

link/to/apk

- Quickly make collages in your phone.

xls2json   *python*

https://pypi.org/project/xls2json/

- Command line interface tool to convert XLS file to JSON.
- Made for a one-off task during internship. Isn't properly tested.

Currently working on: rlox   *rust*

link/to/repository

- Following along Crafting Interpreters book. Practically translating Java code to Rust.

EDUCATION

Telkom University, Sarjana Teknik Telekomunikasi   Aug 2015 | Apr 2019

thesis:	*Design of WDM VLC in FTTH Network*
publication:	ejournal.itn.ac.id/index.php/seniati/issue/view/96
GPA:	3.65/4.00
honor:	Cum Laude

FAMILIAR

languages:	python, javascript, rust
tools:	ubuntu, git, npm
general:	Optical Communication System, Computer Vision, Web Development, Software Testing, Agile Methodologies