

EXPERIENCE

IDEMIA Aug 2019 | present
as Software Engineer @ Card Personalization System (CPS), Jakarta Office

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

PT Telekomunikasi Indonesia Jan 2019 | Jun 2019
as Data Scientist Intern @ Divisi Digital Service

- Contributed to computer vision projects such as Document Recognition with OCR.
- The project does the OCR computation in Google Cloud Platform. My contribution was developing the system's command line interface application.

PT Radar Telekomunikasi Indonesia 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

- 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

xls2json Python
pypi.org/project/xls2json/

- Command line interface tool to convert XLS file to JSON.

PixelAdder: Image Restoration based on Convolutional Neural Network for Intelligent Surveillance Camera Python, Matlab

- Gemastik 2018 participant team member.
- Built a CNN that maps less recognizable 8x8 pixels face image to 32x32.

Computer Vision Course Final Project Matlab

- Matlab GUI development to demonstrate a given paper.
- Paper title: *Single-Image Super-Resolution Based on Rational Fractal Interpolation*

EDUCATION

Telkom University Aug 2015 | Apr 2019
Sarjana Teknik Telekomunikasi
thesis: *Design of WDM VLC in FTTH Network*
publication: ejournal.itn.ac.id/index.php/seniati/article/view/2309
GPA: 3.65/4.00
honor: Cum Laude

FAMILIAR

languages: Python, JavaScript, Matlab, Java
tools: Ubuntu, Git, npm
general: Optical Communication System, Computer Vision, Web Development, Software Testing, Agile Methodologies

ONLINE CERTIFICATIONS

ISTQB Foundation Level Certification 2018 (Certified Tester Foundation Level) Udemy
udemy-certificate.s3.amazonaws.com/pdf/UC-9JD17GC5.pdf

JavaScript Algorithms and Data Structures freeCodeCamp
freecodecamp.org/certification/tbmreza/javascript-algorithms-and-data-structures

Data Science on the Google Cloud Platform Qwiklabs
qwiklabs.com/public_profiles/a52e3f27-2aaa-405a-bdd4-8bd2c6c2a89b