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EDUCATION

2015 – 2017: Master Degree at **Global Navigation Satellite System (GNSS), Ecole Nationale de l'Aviation Civile (ENAC), Toulouse, France**

2009 – 2014: Bachelor degree of Engineering Physics **at Faculty of Industrial Technology, Bandung Institute of Technology (ITB), Indonesia**

Bachelor Thesis Project - *Prototype System Vision for Dynamically Rail Wear Inspection*.

PROFESSIONAL EXPERIENCE

Innovation Support Engineer at Fugro Innovation & Technology B.V, period: May 2019-Present
***Role*:**
- Provide technical helpdesk support particularly in GNSS-related issues to Fugro Operating Companies
- Define test plans and test cases, exploiting TestRail as the main tool, for testing new products and modules (software and firmware) prior to release.
- Writing of technical manuals and knowledge base article

GNSS Engineer at GNSS Technologies Inc. Japan, period: May 2018-April 2019
***Role*:**
- Provide technical assistance to the International Division for Overseas Business decision-making.
- Conducted testing on Swift Navigation Multi Piksi Receiver (RTK Scenario)
- Conducted testing on NAVCOM SF-3050 Starfire (PPP Scenario)
- Conducted testing on GNSS Simulator Spectracom GSG-5
- LiDAR Acquisition Data with RIEGL VUX-1UAV (Odaiba and Rainbow Bridge Scanning)

Project AIRBUS "FLY YOUR IDEAS" 2017 Student Competition (TOP 5 FINALISTS) – Compact Luggage Strategy Boarding Method, period: September 2016 – May 2017 (8 Month)
Objective: Formulated new boarding system to assign boarding status to passengers based on their luggage size in order to reduce seat and aisle interference inside the airplane.
Role: Built simulation model of airplane boarding using Anylogic Software, built MATLAB program to calculate boarding time, and developed database server of passengers using MySQL.

Internship at M3 Systems, period: February 2017-August 2017 (6 Month)
Objective: Conducted research of signal acquisition and tracking techniques of GNSS receiver for Radio-Occultation (RO) application, implement the most suitable one for the RO scenario and assess its performance in the GNSS Post-Correlation Simulator (MATLAB-based).

Applied Project GNSS Reflectometry, period: October 2016 (4 Month)
Objective: Develop the existing GNSS bistatic remote sensing method in MATLAB to obtain useful meteorological information by using the Earth reflected GNSS signal.

Internship at PT Lembaga Elektronika Nasional (LEN) Indonesia, period: August 2016 (1 Month)
Objective: Conducted research of GPS Jammer and studied the impact using Systems Tool Kit (STK)

LANGUAGE

English (Fluent), France (DELF B1-Intermediate), Japanese (Basic)

SKILLS

UiPath(RPA), Javascript, Python, MATLAB, Git, Markdown, Hugo, TestComplete14, TestRail, Jira, Confluence, Office365,

ACTIVITIES

President of Indonesian Student Association in Toulouse, France (2015-2016)