



Basic Identity

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Education	: ITB Engineering Physics (2018)

Projects Lists

- A. [Virtual Reality Cyber Physical System Robot](#) (click the link)
- B. [Game Controller for FPS-VR Styled Game](#) & [UAV Control Simulator](#) (click the link)
- C. *Defense System Projects*
 - *Control System for MLRS (Multiple Launch Rocket System) R-HAN 122B (2019)*
 - *Control System for Harimau Turret Tank (2020)*
 - *Control System for Mortar Launcher System Vehicle 81mm Callibre (2021)*(click on the available link to see video reel)

Abilities and Skills

A. DATA ANALYTICS

- **Model and Simulation** : using **MATLAB** and **SIMULINK**
- **Data Science & AI** : using **Python** and **Jupyter Notebooks**
- **Computer Vision** : using **OpenCV**

B. ENGINEERING PHYSICS

- **Thermal Analysis** : using **ANSYS FLUENT**
- **Mechanical Design** : using **SOLIDWORKS** and **ANSYS**
- **Electrical System** : Electronics, Embedded System and Instrumentation System

C. SOFTWARE DEVELOPMENT

- **Desktop App(Windows)** : using **Visual C# (.NET)** and **MySQL**
- **Mobile App(Android)** : using **Android Studio** and **React Native**
- **Web App** : using **MERN(MongoDB, Express, React, Node)** Stack

D. MULTIMEDIA DESIGN

- **Illustration Design** : using **Adobe Photoshop-Illustrator-InDesign** and **XD**
- **Video Animation Design** : using **Adobe Premiere Pro-After Effect**
- **Game & Mixed Reality** : using **Blender** and **Unity 3D**

E. ADDITIONAL

- Verbal and Written English Profesional-level (I once got **Best Speaker** achievement for one of Central Java High School English Debate)