

# Yossavorn langleard

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GitHub: [yossavorn \(github.com\)](https://github.com/yossavorn)

## Personal Information & Education Background

▪ Live in Bangkok. Language: Thai (Native), English (TOIEC 850/990)

- Undergraduate: Bachelor of Nuclear Engineering, Faculty of Engineering, Chulalongkorn University, Thailand. 2016-2020
- Graduate: Master of Nuclear Engineering, Faculty of Nuclear Engineering, Ulsan National Institute of Science and Technology (UNIST), South Korea. 2020-2022
- Engineering Code and Program: RELAP5, Autocad:
- Nuclear Engineering Code Skills: MCNP, STREAM3D, MCS, RAST-K, STREAM2D
- General Programming Skills: Python, MATLAB, Fortran, HTML, CSS, JavaScript
- Computer Skills:
  - Numpy, Pandas (Data Processing)
  - Tensorflow, CNN (Machine-Learning)
  - VSCode, Atom, Github (Developer Tools)
  - Microsoft Window, Linux (Operating System)
  - ReactJS, jQuery, TailwindCSS (Front-end Framework, Beginner)
  - Node.js, Express.js, MySQL (Back-end Framework and databases, Beginner)

## Work Experience:

### ■ UNIST, Computational-Reactor Physics and Experiment laboratory (UNIST-CORE)

Sep 2020-July 2022

- Research Student in computational core physics simulation using Monte-Carlo Code and deterministic code
- Cooperate with foreign students from over 10 countries.
- All of works were conducted via computational simulation in Windows and Linux operating system
- Additional course: Predictive Analysis
  - Using machine learning to predict the behavior from the activity logs
  - Generated the feature from the event logs using data processing (Encoding)
  - Implemented a machine learning model to observe the result
  - My course final project was to built activity-frequency heatmap for each user from the event-logs, then implemented the convolution neural network (CNN) to predict the outcome.

## Web Developing mini-project:

- All source codes are available on GitHub ([yossavorn \(github.com\)](https://github.com/yossavorn))
- Portfolio Web ([Site not found - GitHub Pages \(yossavorn.github.io\)](#))
- Drumkit Web Application ([Drum Kit \(yossavorn.github.io\)](#))
  - Making with vanilla HTML, CSS and JavaScript
- The Simons Game ([The Simon Game \(yossavorn.github.io\)](#))
  - Making with jQuery framework. Learning how to implement DOM manipulating with event listener
- Expenses Tracking web ([Expense Form \(yossavorn.github.io\)](#))
  - Making with React.js library. Learning the fundamental of React.js such as components-based website and state management.
- Shopping Cart website ([React Cuisine App \(yossavorn.github.io\)](#))
  - Making with React.js library. Learning more advance React hooks such as useEffect, useReducer and useContext.
  - The website functionality includes more complex state management and add-remove items for the user cart.
  - Use Firebase as a dummy backend

## Interests & Hobbies:

- Reading self-development books, Stock Investment (SET), Crypto Currencies, Tradingview, Badminton, Gym
- Have a passionate in long-term investing in stock and other asset, been in the market for over 2 years.
- Have a passionate in web programming and seeking opportunity to learn more and get hands-on project.