

# THEERAWIT WAITHAYAWAN

## COMPUTER ENGINEERING STUDENT



### PROFILE

First-year Computer Engineering student at Kasetsart University with a strong passion for robotics, embedded systems, and software development. Experienced in C++ programming and hardware-software integration through personal projects. Eager to join Hana Microelectronics as an intern to contribute to manufacturing technologies and learn from industry experts.

### SKILLS

- Programming: C++, Python, HTML, CSS, JavaScript
- Hardware & IoT: Arduino, ESP32, Circuit Design Basics, Robotics Mechanics
- Tools: Visual Studio, Unreal Engine 5, Yosys, Verilog, easyeda, Git/GitHub
- Soft Skills: Problem-Solving, Fast Learner, Team Collaboration

### LANGUAGE

- Thai: Native
- English: Intermediate (Conversational & Technical Reading)

### EDUCATION

- **Bachelor of Engineering (Computer Engineering)**

2025 – now

- Kasetsart University | 2025 – Present
- Relevant Coursework: Computer Programming, Calculus, Physics for Engineers.
- Current GPA: 3.55

- **High School Diploma**

2018 – 2024

- Science-Mathematics Program
- Bodindecha (Sing Singhaseni) School | Graduated 2025
- Built a strong foundation in Mathematics, Physics, and logical thinking tailored for engineering studies.

### ACADEMIC PROJECTS

#### Pimdee (Typing Practice Platform)

Solo Developer

- Developed a web-based typing practice application supporting both Thai and English languages.
- <https://pimdee.games/>

#### Luthenos (Robotics Project)

Co-Developer

- Designed and constructed a custom robot prototype focusing on mechanical stability and control systems.
- Integrated hardware components with software logic to enable precise movements.

#### StoryMap (Web Application)

Full-Stack Developer

- Created a web application to track and display filming locations on an interactive map.
- Developed the frontend using HTML, CSS, and JavaScript to ensure a responsive user interface.
- Currently planning a system rebuild to implement advanced features and improve performance using modern frameworks.
- <https://story-map-v2.vercel.app/>

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