

# SIRINYA THANYACHAROEN

Room 9/41 Altitude unicorn  
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## PROFILE INFO

Recent graduate in Media Technology, seeking to apply a strong background in UI/UX design and user-centric development to a career in software testing. My experience in translating user requirements into functional designs has provided me with a keen eye for detail and a deep understanding of user expectations. Eager to leverage my analytical skills to ensure software quality and deliver a seamless, bug-free user experience.

## EXPERIENCE

### INTERNSHIP

AI Research Internship  
Institute of Information Science and Technologies (ISTI-CNR)  
Pisa, Italy | Feb 2025 - May 2025

- Assisted in designing UI layouts for hyperspectral imaging comparison software. Participated in user requirements analysis, mockup design, and interface testing to improve usability.

#### Real-Time 3D Anatomy Viewer

- Designed and developed an interactive 3D anatomy viewer for educational purposes. Focused on user interface layout, intuitive controls, and responsive design. Applied Three.js/WebGL for rendering and collaborated with users to refine usability.

### ACADEMIC PROJECTS

#### Mango Ripeness Classification using Deep Learning

- Built and trained deep learning models to classify mango ripeness levels.
- Processed and managed an image dataset of 300+ images for training/testing.
- Achieved 96% classification accuracy, demonstrating strong data pipeline and model development skills.
- Documented the project in a technical paper, providing a knowledge base for future development.

### PUBLICATIONS

- Thanyacharoen, S. (2025). "Deep Learning Approaches to Banana Ripeness Detection," IEECON 2025.
- Thanyacharoen, S. (2025). "Air Quality Prediction using Machine Learning," IEECON 2025.
- Thanyacharoen, S. (2025). "Mango Ripeness Classification via Deep Learning," GCM 2025.

## EDUCATION

2021 - 2025 | King Mongkut's  
University of Technology  
Thonburi (KMUTT)

**Major Media Technology (B.Sc)**

**GPAX 3.26**

## SKILLS

- Design & UI Tools: Figma, Adobe XD, Photoshop, Illustrator, Blender
- Front-End Development: HTML, CSS, JavaScript, Three.js, WebGL
- UX/UI Skills: Wireframing, Prototyping, Usability Testing, Responsive Design, Interaction Design
- Soft Skills: Analytical Thinking, Communication, Teamwork

## CERTIFICATIONS

- Intro to User Experience Design (Aug 2025) – Instructor: Apirak Panatkool
- UI Fundamentals (Aug 2025) – Instructor: Apirak Panatkool