Sitt Sriorapinngam

6633245721@student.chula.ac.th | Updated September 2025

EDUCATION

Computer Engineering, Chulalongkorn University — Bangkok, Thailand
B.E. in Computer Engineering and Digital Technology — 2023 - 2027 (expected)

INDUSTRY EXPERIENCE

Lumio3D Co., Ltd. — May 2025 – July 2025
Research Intern
- Applied neural style transfer to correct photometric normals in facial scans.
- Researched and optimized the 3D animatable Gaussian Head Avatar for better compatibility with static multi-view datasets.

Dplus Intertrade Co., Ltd. — May 2024 – July 2024
Software Engineer Intern
- Worked with the ERP team to build and improve software, developing new functions and making the system faster and more reliable.

RESEARCH INTEREST

My broad research interests are:
- Computer Vision, Machine learning, Computer Graphics, Multimodal Learning, Immersive Systems

RESEARCH EXPERIENCE & PROJECTS

Intelligent Systems Lab 2, Chulalongkorn University — Nov. 2023 – Present
Lab Member
- Applied Gaussian Splatting techniques to develop a virtual tour of Thai heritage sites, exploring differential rendering and basic 3D reconstruction.
- Tracked the movement of a seven-piece Tangram puzzle, gaining experience with camera calibration and feature-matching techniques.
- Assisted in developing and testing an optical absolute encoder using CMOS imaging, engaging in the full research pipeline from data acquisition and signal processing to analysis, and contributed to a paper draft.

Course Projects
- **NLP systems** : Fine-tuned LLMs for a tabletop RPG system (Dungeons & Dragons) to manage in-game situations, player states, and dynamic context transitions.
- **Real-time CG**: Explored real-time subsurface scattering techniques for human skin, implemented in Unity, with basic rigging.

AWARDS, CERTIFICATIONS, AND SERVICES

Department's Academic Distinction Award — Nov. 2024
- Outstanding Recognition as the 2nd place in Software Engineering class of 2023.

ICPC National Round Preparation Team — Sep. 2024
- Prepared and tested systems for the International Collegiate Programming Contest (ICPC), Thailand National Round.

3rd prize, CEP-NXPO Application Development Contest — Aug. 2023
- Developed an application enabling companies and individuals to purchase retail carbon credits directly from project dealers to combat climate change.