

ACHIRAWAT NIKROPITAK

Chonburi, Thailand | 094-791-5175 | achi-nkpt.com | achirawatnikropitak@gmail.com

Skills

Language: Thai (Native), English (IELTS 6.5)
Programming language: Python, Rust, C++
Professional Skills: AI & LLM, Web Application, Leadership, Public Speaking, Project Management

Education

University	June 2025 - Present
King Mongkut's Institute of Technology Ladkrabang - Software Engineering	
Highschool	May 2019 - May 2025
Chonrasadornumrung school - Pre Medical Program	

Professional Experience

EEC Innovation Camp	Feb 2023
<ul style="list-style-type: none">Student will learn both engineering and medical field to interpret a leap forward innovation to solve everyone problem.	
Medical Observer Queen Savang Vadhana Memorial Hospital	Mar 2023
<ul style="list-style-type: none">Observed daily routines and clinical procedures of healthcare professionals.	
Medical Observer Ramathibodi Hospital	Aug 2024
<ul style="list-style-type: none">Observed daily routines and clinical procedures of healthcare professionals.	
PTTEP Finding Next Explorer Petroleum Exploration & Geoscience camp	Oct 2023
<ul style="list-style-type: none">Learned to interpret geological maps and identify rock formations that indicate potential oil reservoirs.Studied the Finding Oil workflow, from seismic surveys and subsurface imaging to identifying traps where oil and gas are stored.	

Competition & Achievement

MIT Media Lab AI & Robotics Hackathon and Competitions 2025	Dec 2025
<ul style="list-style-type: none">2nd runner-up Visionary pitching University trackDesigned Neurosentinel an AI Robotic Alzheimer detection that read the EEG signal from the brain and analyze the risk of an AlzheimerDeveloped a multimodal AI designed to detect pre-clinical Alzheimer's and cognitive decline before symptoms appear.	
Applied Mathematics Project Student Handicraft Fair 2024	Dec 2024
<ul style="list-style-type: none">Winner in in Applied Mathematics Project Highschool trackDesigned Ergobrella an ergonomic umbrella featuring an asymmetric canopy.Applied mathematical modeling and geometry to calculate the optimal surface area for maximum sun protection.	