

Thanakorn Buathongtanakarn

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Education

Suankularb Wittayalai School – Bangkok, Thailand	15 May 2024 – Present
High School – Gifted and Talented Education Program	
Expected Graduation	March 2027
Macquarie University – Sydney, Australia	21 st March 2026 - 2 nd May 2026
Short-term Education on Cybersecurity	
Suankularb Wittayalai School – Bangkok, Thailand	17 May 2021 – 29 March 2024
Middle School – Gifted and Talented Education Program	
Saint Gabriel's College (Primary School)– Bangkok, Thailand	11 May 2015 - 27 March 2021
Primary School – Smart Room	

Training

Policy Informed Research at CSIRO, Sydney, Australia	XX XXXXX 2026
Policy Informed Research	
Thai Red Cross Society	27 th February 2025
Vital Sign Measurement	

Certification

International English Language Testing System (IELTS) Academic	10 th August 2025
Overall: 7.5, Listening: 8.5, Reading: 8.0, Writing: 6.5, Speaking: 6.0 Valid through: 10 th August 2027	

HackerRank Basic Level for Python Certificate	24 th January 2025
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Honors & Awards

Silver Medal Equivalent Certificate	8 th January 2026
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Medical Science Engineering – 28th Young Scientist Competition

Gold Medal Certificate	November 2025
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Thailand English Level Evaluation Test (TESET 2024)

Bronze Medal Certificate	16 th August 2025
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3rd MU CHEM CONTEST – Faculty of Science, Mahidol University

Bronze Medal Certificate	22 nd March 2025
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Thailand International Biology & Medical Olympiad Challenge, Heat Round

First runner-up Awards	13 th - 26 th January 2025
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72nd Student Arts and Crafts Fair, Food Processing contest

Honorable Mention Awards	12 th November 2024
General knowledge quiz competition in medicine and health science in MEDSWU EduFest, 3 rd Finalist	
Certificate of Participation	3 rd November 2024
MedQuiz KKU 2024 - Top100 Finalist	
Silver Medal Certificate	15 th October 2024
Thailand English Level Evaluation Test (TESET 2024)	
Certificate of Participation	4 th September 2023
APSCO CubeSat Competition – Thailand Section, Semi-final round, 9 th finalist	

Honors & Awards (Continued)

Outstanding Primary School Student Awards	16 th June 2020
1 st Kibo Robot Programming Challenge Finalist	
Bronze Medal	5 th May 2017
โครงการพัฒนาคณิตวิทยาเพื่อการแข่งขันคณิตศาสตร์ประจำปี 2561	
Honorable Mention	2017
ASMO Thai Science & Math Competition	

Research Experience

Suankularb Wittayalai School – Bangkok, Thailand	2026
Development of a HER2+ Breast Cancer Classification and Segmentation using ROI-Supervised classification and MIL	
Suankularb Wittayalai School – Bangkok, Thailand	2023

Development of a bone abnormalities detection program using
YoLov7 architecture in Python Language

Presentation

Suankularb Exhibition 2024 – Suankularb Wittayalai School, Thailand	2024
<ul style="list-style-type: none"> • Development of bone abnormalities detection program using YoLov7 architecture in Python Language 	

Service & Leadership

Volunteer at Ramathibodi Hospital, Faculty of Medicine Ramathibodi Hospital, Mahidol	2 nd May 2025
Volunteer at Golden Jubilee Medical Center, Faculty of Medicine Siriraj Hospital, Mahidol	25 th February 2025
Volunteer at Ramathibodi Hospital, Faculty of Medicine, Ramathibodi Hospital, Mahidol	20-24 th Febuarary 2025
Volunteer at Geriatric Clinic, King Chulalongkorn Memorial Hospital, Thailand	21 th October 2024
Volunteer at Thai Red Cross Anonymous Clinic, Thailand	25 th October 2024
Volunteer at Geriatric Clinic, King Chulalongkorn Memorial Hospital, Thailand	18 th October 2024
โครงการปฏิบัติการอาสาครุภารกิจอนุ 3, Thailand	5-6 th August 2024

Personal Interest

Health policy researcher with a focus on healthcare financing, equity, and emergency care systems. Interested in computational methods and advanced data analytics for evaluating health policies. My goal is to bridge rigorous policy analysis with scalable technological solutions that enhance both efficiency and accessibility within healthcare systems. In parallel, I maintain an interest in English literature, which helps strengthen my critical thinking and enriches my ability to communicate complex ideas with clarity and precision.