

Poomkarn (Poom) Taedullayasatit

53 Rat Burana Road, Bang Pakok, Rat Burana, Bangkok 10140, Thailand | poomkarn.t@gmail.com

EDUCATION

Shrewsbury International School Bangkok

Aug 2013 – Present

- Sir Martin Rhees Scholar, Fairbairn Exhibition Scholar, Team Shrewsbury Sports Scholar, Leadership Award Recipient
- Achieved 12A*s in IGCSEs, Predicted 4A*s in A-Levels: Maths, Furthermaths, Physics, Economics,
- Self-studied 8 5s in APs: Calc BC, Physics C Mech, Physics C E&M, Chemistry, Macro, Micro, Comsci A, Psychology

EXTRACURRICULAR ACTIVITIES

Playing Forward Non-Profit Organisation | Founder, President

Nov 2023 – Present

- Non Profit Supporting Underprivileged Athletes Recovering From Injuries
- Authored 170pg rehabilitation manual, ran workshops, distributed resources to 30 schools; Sportsmanship Award initiated (5 annual competitions); 100+ in injured athlete network; raised \$31k through charity run and fundraising events.

Actimus Rehabilitation Device | Founder, Inventor

Jun 2024 – Present

- Gamified Physical Rehab Device w/ Electromyography and Electrostim; Patented TH2503000075
- Built device & mobile app to combat muscle atrophy; published on App/Play Store; distributed to 7 sports schools; pitch to investors; recognised by 3 international awards awards.

Mongkhon Muay Thai Headgear and Concussion Research | First Author, Inventor

Jun 2024 – Present

- Supervised by Prof. Carmai at King Mongkut's University of Technology North Bangkok
- Researched concussion biomechanics; built & distributed multilayer energy-dispersive headgear (100+); ICIMH'24 Conference Publication and Best Presentation; 2 pending Q2 journals in *J. Discover Applied Sciences* and *J. Hardware X*

WSDC Thailand National Debate Team | Vice-Captain

May 2025 – Jul 2025

- Achieved best results ever at the 2025 World Schools Debating Championship in Panama.
- Selected as Vice-Captain and one of five debaters for the 2025 Thailand National Debate Team after being a 2-time champion, 1-time best speaker, 2-time 2nd best speaker and 5-time top-5 best speaker of national debate tournaments.

WIDPSC Thailand National Public Speaking Team | Representative

Jan 2025 – Mar 2025

- 1st Thai Finalist in History (top 16 from 250+) in Persuasive Speech. Selected as one of five speakers to represent Thailand at the 2025 World Individual Debating and Public Speaking Championships in Malaysia.

Propexus Property Startup | Assistant to Chief AI Officer (CAIO)

Jan 2025 – Present

- Preprocessed housing data; optimised sales using ML models & assisted revamping data pipeline for Thailand's largest House & Condo Expo in 2025.

Shrewsbury Oracy Ministry & Schweitzer House | Executive Prefect & House Captain

August 2024 – Present

- Initiated "House Yapping", new house event w/ accessible debate format; led house to first win in 6+ yrs; organized 6 assemblies for 200+ members.

Shrewsbury Annual Drama Production | Actor

August 2022 – March 2025

- Cast in main roles for 3 school musicals & plays; performed 3 nights each to 500+ audience: The Witches (2023), We Will Rock You (2024), The Crucible (2025).

Shrewsbury Varsity Football & Varsity Basketball | Sports Scholar, Varsity Starter

August 2022 – Present

- Starting winger and forward, regained varsity spot after severe knee injury, competed internationally in FOBISIA (soccer champs '24).

Shrewsbury Harmonix Accapella | Section Leader

August 2020 – Present

- Led tenor section in rehearsals; learned 10+ arrangements yearly; performed at termly concerts and key school events; ABRSM Piano Grade 8 Distinction.

HONORS & AWARDS

- Silver Medal in International Economics Olympiad 2024 (29th from 340+)
- Prime Minister's Award for Outstanding Youth of Thailand 2024
- Diamond Challenge Top 25 Emerging Innovators Award (from 400+)
- Invention Awards: WICO'25 Gold & Special Award (top 14 from 300+ intl), iCAN'25 Gold, Innoverse'25 Gold, 2nd Place in Thailand Innovations Awards (out of 600+ nationally)
- Top in the World Edexcel IGCSE Mathematics (Top mark in 70k+ students who achieved A*)
- Top in Thailand Cambridge AS Level Physics (Top 1 in 2.5k+ students who achieved A*)
- British Maths Olympiad: BMO1 (2022 Merit, 2023 Merit, 2024 Distinction & Best in School), BMO2 2024 Merit
- British Physics Olympiad: BPhO 2024 Silver
- Debating: 2-time National Champion. 2-time Thailand Best Speaker. 5-time Thailand Top 5 Best Speaker