

Papatchol Thientong

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Date of birth	25 November 2001	Nationality	Thai
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PROFILE	As an ambitious student in the field of Automotive Engineering, I bring a unique blend of technical acumen and exceptional communication skills. My academic journey is marked by a deep-rooted passion for both engineering innovation and linguistic proficiency. Living in an era where technology is pivotal to organizational success, I firmly believe in the transformative power of engineering solutions, underpinned by the global reach of effective communication.
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ACADEMIC HISTORY

Jul 2019 — Jun 2023	<b>BEng (AutoEng), Chulalongkorn University International School of Engineering</b> <ul style="list-style-type: none"><li>Studied in the field of Automotive Design and Manufacturing Engineering</li><li>Graduated with 3.01 GPAX</li></ul>	Bangkok
2019	<b>High School Equivalency Diploma, Tests of General Educational Development (GED)</b>	Bangkok
May 2017 — May 2019	<b>Triamudom Suksa School</b> <ul style="list-style-type: none"><li>Ranked #1 public school in Thailand, with less than 7% acceptance rate</li></ul>	Bangkok

PROFESSIONAL EXPERIENCE

Jul 2022 — Jul 2023	<b>Chief Operating Officer, Interpal English School</b> <ul style="list-style-type: none"><li>Developed and implemented an operational framework that established performance metrics and accountability for all teams</li><li>Implemented a new learning method called "Hybrid English", which utilizes four main skills of English: Listening, Speaking, Reading, and Writing.</li><li>Created a culture of collaboration and innovation that resulted in a increase in employee engagement</li></ul>	Bangkok
Aug 2018 — Jul 2022	<b>Part-time English Tutor, Monkey Monkey Tutoring School</b> <ul style="list-style-type: none"><li>Conducted comprehensive English language sessions for diverse class sizes, varying from individualized tutoring (1 student) to larger group settings (up to 30 students), ensuring tailored and effective language instruction.</li><li>Appointed as the Team Leader of the English Part-time division, responsible for overseeing and mentoring a team of junior tutors, managing schedules, and ensuring the highest standards of educational delivery.</li><li>Served as the Master of Ceremonies for the "Uplifting" live session, a key event focused on language learning and cultural exchange. My role involved orchestrating the event, engaging the audience, and seamlessly integrating educational content with interactive activities.</li></ul>	Bangkok

SKILLS	Leadership	Expert	Java Programming	Skillful
	Teaching	Expert	Python Programming	Skillful
	English	Expert		

AWARDS AND HONORS

2015	<b>St. Gabriel's Foundation English Test</b> Ranked #1
2013	<b>Thailand's National English Test</b> Ranked #27

Apr 2023

TOEIC Instructor, Valaya Alongkorn Rajabhat University

Bangkok

- Taught TOEIC lessons for university students in a 2-week course

Chief Financial Officer, Chulalongkorn University Racing Electric Club

- Was responsible for handling club statement and finance
- Was the leader of the business case competition

Class President, Automotive Design and Manufacturing Engineering

- Served as a liaison for inter-departmental activities, strengthening relationships and collaboration across different academic areas.
- Facilitated communication between students and faculty, ensuring effective information exchange and addressing academic issues.
- Organized and led regular meetings, fostering a collaborative environment for discussion and decision-making.

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NOTICEABLE PROJECTS

Mitigating Traffic Congestion by Controlling Traffic Light System in Bangkok

- **Methodology:** Utilized Anylogic Program (Java-based) to simulate and optimize traffic light phases at Rama IV and Henri Dunant intersection, enhancing flow efficiency by iterating green light durations and incorporating dynamic control systems.
- **Outcome:** Achieved up to 27% improvement in traffic flow, demonstrating the system's readiness for immediate implementation in real-life scenarios.

The correlation of the pH of the drinking water with weather factors

- **Methodology:** Employed Python for Linear Regression (Stepwise) analysis to investigate the correlation between water pH and various weather factors, including Relative Humidity, Rainfall, Temperature variations, and Dry Bulb Temperature.
- **Outcome:** Determined Lowest Temperature and Total Dissolved Solids as primary influencers of water pH; model demonstrated significant predictive ability with an R Square value of 0.36.