

Patiphon Loetsuthakun

CONTACT

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EDUCATION	Rensselaer Polytechnic Institute (RPI) Bachelor in Computer Science GPA: 3.89	Troy, NY Expected May 2025
RELEVANT COURSEWORK	Data Structure, Computer Organization, Foundation of Computer Science, Algorithm Design, Graph Theory, Information System Security	
EXPERIENCE	Rensselaer Polytechnic Institute, Student Mentor Undergraduate Programming Mentor <ul style="list-style-type: none">• Support approximately 100 students in class's labs• Monitor and grade homework assignments and exams• Input student data for teacher assistance review	Troy, NY Aug 2022 - Present
	Suankularb Wittayalai School, Computer Olympiad Team Competitive Programming Co-lecturer <ul style="list-style-type: none">• Composed, evaluated, and reviewed practice problems for 20 students• Advised and supported students through one-on-one meetings• Coached five students to a national-level competition	Bangkok, TH Jan 2020 - May 2020
LEADERSHIP & ACTIVITIES	Suankularb Wittayalai School Computer Club President <ul style="list-style-type: none">• Secured 12000 THB (315 USD) in funding from sponsor Lactasoy used for activities• Supervised and trained club members for the activities managed by the club• Launched four club events: programming contest, graphic design boot camp, C# bootcamp, and activity fair• Partnered with Thai Musical club to arrange the Khon (masked play)• Coordinated with student council and computer teacher• Reviewed the club's official documents before submitting them to the student council	Bangkok, TH Apr 2018 - Apr 2019
PROJECT	CWExpress An online-controlled IoT system utilizing a C-scan-B QR payment to command the client. This system will allow every local business owner to integrate online payment into their business without any additional cost. <ul style="list-style-type: none">• Used ESP8266 board written in C/C++ as a control system• Utilized ExpressJS, MQTT, and MongoDB for server and database• Designed the website with Figma and coded with ReactJS	May 2022 - Present
	Poll Requested An azure cloud-based online polling system utilizing Rensselaer Polytechnic Institute credentials to provide availability for every RPI student. <ul style="list-style-type: none">• Designed the website with Figma and coded with HTML and TailwindCSS• Deployed on Azure cloud service with Apache HTTP server	Sep 2022 - Dec 2022
AWARD	<ul style="list-style-type: none">• Silver-medalist National Olympiad in Informatics in Singapore in 2019• Silver-medalist Thai National Olympiad in Informatics in 2018	
SKILL	Arduino, C, C++, CSS, Digital Circuit, ExpressJS, Figma, Framer Motion, HTML, Javascript, React, MongoDB, NodeJS, TailwindCSS	