

Pokkrit (Poon) Jeerapat

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Education

Cornell University, College of Engineering, Mechanical and Aerospace Engineering Major (GPA 3.302)

Independently Completed: Autodesk (Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360, CornellX-ENGR2000X (A Hands-on Introduction to Engineering Simulations))

Extracurriculars

Wiribed, Founder & Designer

December 2020 – Present

- Designed and produced origami-inspired interlocking, easy-to-assemble, and sustainable \$45 hospital beds
- Distributed over 1000 Wiribeds with support from individual donors and companies
- Made the design open-source and created social enterprise to allow anyone to build, purchase and donate Wiribeds

Kiteboarding Club at Cornell, President

August 2024-Current

- Gather a group of students and faculties to participate in kiteboarding and other wind sports, like wing foiling, ensuring safe environments.
- Allocating the funds, and investing to maintain and improve the equipment.
- Hosting introductory events for people who are new to the sport.

Develop a Social App using Flutter Flow and Figma, Developer

2023-Current

- Use Figma to design the user interface as well as the flow of each screen
- Developed a functioning app with Flutterflow, with a Firebase database.

StreetChildTalks, Founder

June 2022 - Present

- Develop platform that connects donors, support organization and hard-to-reach street children
- Designed an adjustable stand that helped in garland-making process
- Integrated the street children into the education system through supporting them with school registration and obtaining school supplies

Internships

Internship at Silpakorn University Department of Chemical Engineering (June 2022)

- Built a prototype of a paper-based battery

Mechanical Engineering Internship at King Mongkut's Institute of Technology Ladkrabang (July 2022)

- Built an electric car and create power supplying system

Internship at Thailand's National Electronics and Computer Technology Centre (July-August 2020)

- Tested out and gave the feedback to KIDBRIGHT curriculum

School Clubs and Leadership Positions

- Buddhism Club** (Member, 2023-Current)
- Cornell Rock Climbing Club** (Member, 2023- Current)
- Thailand Student Association at Cornell**, Member (2023-Current)

Art and Designs Portfolio

Architecture and Art Portfolio Link: <https://pokkritjeerapat.com/wp-content/uploads/2022/10/Portfolio.pdf>

Awards

International Awards	National Awards
<ul style="list-style-type: none">2nd Place Best Young Innovator Awards, International Invention Innovation Competition in Canada (ICAN)1st place Int'l Special Award from Turkish Inventors Assoc.Gold Medal, ICAN Competition 2022 - for Wiribed6th Place International Special Award from National Association for Science and Research (NASR) 2022Finalist, Paradigm Challenge 2021, LA, USASilver Medal, ICAN Competition 2022 - for Algae Paper Sapling Bag	<ul style="list-style-type: none">2nd Runner Up, Thailand Open National Innovation Agency (NIA) Awards 20222nd Runner Up KMUTNB Innovation Awards 20224th Prize Winner, Thailand Plastics Awards 2020Finalist, HackBKK by Thai Startup 2022

Additional Skills

- Wakeboarding, Wakeskating, Kite surfing, Jet skiing, Mountain Biking, Certified Scuba Diver, Piano, Drum, Guitar and Traveling