

JIRATCHAYA FUENGTHANAKUL

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Education

King Mongkut's Institute of Technology Ladkrabang

2019 - Present

Bachelor of Engineering (B.Eng.) Major in Robotics and AI

Accumulated GPA 3.70

Relevant Coursework: Software Development, C, HTML5/CSS3, JavaScript, Python, Machine Learning, Computer Vision

Extracurricular Experience

Young Entrepreneur Assembly Hub (Thailand)

Sep 2021 – Present

Lead Activity Planner – NGH project

- An activity planner, currently in lead activity planner of the New Generation Hackathon.
- Contact sponsors and arrange for a quotation, including a pitching presentation and a project proposal.
- Define the challenge's topics in terms of the United Nations' SDGs in order to develop the innovation.

King Mongkut's Institute of Technology Ladkrabang

Aug 2021 – Present

Web Application Developer

- To collaborated with a robotics student as a team.
- To design and develop the admin dashboard for generating and downloading E-certification in online learning platform.
- UI design for Non-Degree Online platform.

Certification and Achievements

Silver Prize of Startup Battle 2021

Jul 2021 - Aug 2021

granted by Startup Cave, KRIS, KMITL

- To dig into the business model of LOBBI, remoted working Platform.
- Freemium Subscription to build the customer base.
- Building the customer base in order to upgrade into premium subscription.

1st runner-up for Build On, ASEAN 2021

Jun 2021 - Aug 2021

granted by Amazon Web Service (AWS) educate, DEPA, KMITL

- Topic challenge "Future of Work" - Innovated the LOBBI, remoted working Platform
- Innovated by three main point including unplugging after work, less productivity and complicated UI design.
- Coming up with Clock in/out feature, gamification experience and attractive Interface design.

Qualified the quarterfinals round - The 7th delta cup 2021

Jan 2021 - Mar 2021

granted by Delta Electronic PCL.

- A smart plug with intelligence Technology, MEsave, Electrical Behaviour management,
- Design and develop the MEsave technology for international smart and green manufacturing issue.
- To reducing the electricity expense by AI calculating and predicting, for future electricity plan.

DEMO day selected, Startup Thailand League 2021

April 2021 - Jul 2021

granted by NIA, Startup Thailand

- MEsave Prototype Showcase

Projects Experience

Hackathon Project (eye:pal)

May 2021

- Developing the navigation system for the impaired users by integrating image recognition (CCTV) and traffic light controlling with PLC
- Relevant Technology: Python and fundamental of AWS cloud.

Pills Classification (<https://www.youtube.com/watch?v=DBHCfWri34c>)

April 2021

- The classification pill's type project used Support Vector Machine (SVM) in Halcon Software
- Categorizing medicine by applying linear regression as an algorithm to predict a variable of each medicine.

Languages: Thai – Native / English - Full-working proficiency

Skills: HTML5/CSS3, Python, C, Team management, Team working, Solving problem, Adobe XD, Adobe Illustrator

Interested: Machine Learning, AI development, UX/UI Design, Business Consultant,
Business Analysis and Business Intelligence.