

# 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 (DEMO)**

**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.