

Pichitapat Charoendhammatad

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website : github.com/pichitapat/Portfolio

PROFILE

Motivated and results-driven engineering graduate seeking a challenging position as a Data Analyst. Offering knowledge in Data analysis and Machine Learning knowledge, with a proven ability to drive efficiency, deliver successful outcomes, and collaborate within teams.

EDUCATION

Chulalongkorn University Bachelor of Chemical Engineering / GPAX 3.03	Aug 2019 - Aug 2023
Lifelong Learning Program, Chulalongkorn University Machine Learning and Time Series Analysis / Computer Engineering	Jun 2022 - Sep 2022
Satriwithaya School Gifted math program / GPAX 3.71	May 2013 - Mar 2019

ACADEMIC PROJECT

Credit card approval / Machine Learning and Time Series Analysis Course Jun 2022 - Sep 2022

- Investigated features in an imported dataset that profiles individuals whose loan applications were previously accepted, utilizing statistical measurements and data visualization methods
- Performed data preprocessing by encoding categorical features to train, evaluate, and fine-tune models using evaluation metrics to identify the best model
- Interpreted the results, determining the most important features influencing loan acceptance

Conceptual design and Economic analysis of Bioactive compounds extraction process from T.Crispa (borapet) using water and ethanol as solvents / Engineering Project Course Aug 2022 - May 2023

- Developed and simulated unit operations in production process from laboratory scale to industrial scale
- Integrated economic knowledge to assess market needs and calculate Total Capital Investment (CapEx) and Cost of Manufacturing (COM)
- Analysed Cash flow to predict break-even of an investment
- Optimized usage of utility in the process to reduce Cost of Manufacturing

EXTRACURRICULAR ACTIVITIES

First runner-up in Legal Business Case Competition, Legal Tech Nov 2021 - Feb 2022

- Conducted research to address class-action lawsuit issues involving the aggregation of individuals with similar legal claims
- Created an effective customer journey to develop an A-class application that can build a reliable community for the victims
- Designed UX/UI of A-class application

Member of Coding Club, High Tech club under CU Innovation Hub Sep 2021 - Dec 2021

- Learned and practiced web coding in various languages such as HTML, CSS, and React by completing assignments individually and as part of a team

Mini Hackathon Competition Participant, CU SCI Startup Jun 2021

- Initiated a product from coffee ground waste to make an effective recycling product as an Antioxidant microneedle patch and developed a business model from the product

Chief of Staff of Engineer Freshy Camp, Chulalongkorn University**May 2020 - Jul 2020**

- Led and planned the overall activities to achieve the purpose of the camp and impress participants
- Cooperated with staff to efficiently allocate work to others and address immediate problems to ensure the proper execution of tasks

Member of Volunteer Camp, CSR department of Engineering**Nov 2020****Student Committee**

- Collaborated with a construction team to enhance a poultry house for chickens in a rural area
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WORK EXPERIENCE**Process Safety Engineer Intern, IRPC Pub Co., Ltd.****Jun 2022 - Jul 2022**

- Evaluated and analyzed the risk management of leakage in the specific area associated with identified hazards by quantifying the consequences of incidents
 - Involved in Process Safety Management (PSM) Internal Audit of Propylene plant
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QUALIFICATION & SKILLS**Language skills**

Thai (Native), English (TOEIC 790)

Technical skillsPython, Pandas, sklearn, Matplotlib, SQL, HTML, CSS, JavaScript, React
Power BI, Visio, Figma, MS Excel / Word / Powerpoint, Aspen plus, ALOHA**Soft skills**

Quick Learner, Analytical, Teamwork, Problem sloving, Communication