

Pichitapat Charoendhammatad

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website : github.com/pichitapat/Portfolio

PROFILE

Self-motivated and results-driven fresh engineering graduate seeking a Data Analyst position. I bring expertise in Data Analysis, BI dashboards, Machine Learning Model Development, and Business background. With experience in business case competitions, I possess strong collaboration and problem-solving skills. I am eager to learn and collaborate with teams.

EDUCATION & CERTIFICATE

Data Analyst in Power BI Datacamp	Dec 2023 - Present
IBM Data Analyst Professional Certificate IBM Data Analyst Capstone Project / Coursera	Dec 2023
Business Analysis & Process Management Coursera Project Network	Dec 2023
Chulalongkorn University Bachelor of Chemical Engineering / GPAX 3.03	Aug 2019 - Aug 2023
Machine Learning and Time Series Analysis, Chulalongkorn University Lifelong Learning Program / Computer Engineering	Jun 2022 - Sep 2022
Satriwithaya School Gifted math program / GPAX 3.71	May 2013 - Mar 2019

PROJECTS

Developer Survey Analytics / IBM Data Analyst Capstone Project	Dec 2023
<ul style="list-style-type: none">Collected data from the database, executed SQL queries, utilized APIs, and then performed data wrangling to clean the dataset (ODbL) from Stack OverflowAnalyzed the dataset to find the outliers and the correlation between different columns.Visualized data distribution and emphasized relationships by using pandas, matplotlibCreated dashboards and reports using IBM Cognos Analytics/ Power BI to extract key insights that drive business productivity, particularly in the work environment for software development	
Credit Approval / Machine Learning and Time Series Analysis Course	Jun 2022 - Sep 2022
<ul style="list-style-type: none">Developed a prediction model from the 'loan applications dataset' helping screen those applications and get a financial insight for a strategy for planning to manage loan lending in the future.Conducted Exploratory Data Analysis (EDA) by doing encoding features engineering and data preparation.Trained, evaluated, and fine-tuned ML models to identify the best-performing model for predicting trends.Interpreted the results, identifying the most crucial features influencing loan acceptance through various statistical evaluation metrics such as F1 score, confusion matrix, and Precision-Recall	
Conceptual design and Economic analysis of Bioactive compounds extraction process from T.Crispa (borapet) / Engineering Project Course	Aug 2022 - May 2023
<ul style="list-style-type: none">Developed Process Flow Diagram in the production process from laboratory scale to industrial scaleIntegrated 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	

EXTRACURRICULAR ACTIVITIES

First runner-up in Legal Business Case Competition, Legal Tech

Nov 2021 - Feb 2022

- Conducted research to address issues related to a class-action lawsuit and gathered requirements involving the aggregation of individuals with similar legal claims
- Developed an effective solution for the customer to develop an A-class application that can build a reliable community for the victims and identified a suitable technology in our process
- Designed UX/UI of A-class application via Figma

Front-End developer, 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

WORK EXPERIENCE

Process Engineer Intern, IRPC Pub Co., Ltd.

Jun 2022 - Jul 2022

- Evaluated, analyzed, and reported 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, which utilizes understanding of process requirements and operation workflow

QUALIFICATION & SKILLS

Laguage skills	Thai (Native), English (TOEIC 790)
Technical skills	Python, Pandas, Scikit-learn, Matplotlib, MySQL, HTML, CSS, JavaScript, React ApacheAirflow, Spark, AWS, Power BI, Looker Studio, Visio (Swim Lane Diagram) MS Excel (Pivot) / Word / Powerpoint ,IBM Watson Studio, Figma, Github Matlab, Minitab
Soft skills	Communication, Teamwork, Quick Learner, Problem sloving, Analytical