

Tiger Yotsawat

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KEY EXPERIENCES

Full-stack Developer, Ankamen Silver, Thailand

October 2020 - Present

- Currently developing a web application to manage orders, customers and accounting for the silver jewellery business. Affords real-time tracking of pending orders, automated invoicing and reporting of financials.
- Implementing solutions using change management approaches to fully digitise a previously pen-and-paper business leading to a decrease in human errors.
- Modelled as-is business processes using BPMN and identified automation opportunities through interviewing key stakeholders and observing day-to-day operations.

Physics Tutor, APS Thai, Thailand

January 2021 - Present

- Communicate technical ideas in an easy to digest manner, gaining positive feedback from students.
- Inspired and developed students' skills in problem solving and confidence, with a student reporting that these skills enhanced their performance in other subjects outside of physics.

Summer Intern, Accenture, Thailand

July 2019 - August 2019

- Implemented pulse survey, planned data collection and automated data analysis using Visual Basics (VBA).
- Successfully convinced client to adopt new data processing methodology.
- Presented change management approach and agile methodology to NGO client.

PROBLEM SOLVING

Fourth Year Research Project, University of Cambridge, UK

January 2020 - May 2020

- Proposed a novel non-destructive method for detecting Chafer beetles infesting grass roots in fields to allow for extraction of the pests, preventing further damage.
- Broke down the complex problem into individual components that can be modelled and investigated.

Third Year Physics Experiment, University of Cambridge, UK

October 2018

- Independently investigated the properties of an integrated circuit.
- Worked with a large amount of data from the responses of the system that was collected automatically by programming test signals using an Arduino.

EDUCATION

Cambridge University, UK - MSci & BA Hons, Physics (Natural Sciences)

October 2016 - June 2020

- Final year: EnterpriseTECH, Quantum Information, Biological and Particles Physics, Relativistic Astrophysics
- Awarded: Cambridge Thai Foundation and Stephen Fleet Memorial Scholarship

SKILLS

MERN Stack - built app on MongoDB, Express.js, React, Node.js and external libraries and deployed on Heroku

Python - computational physics, simulated asteroid orbit using numerical methods

MatLab - frequently used for data and signal analysis in experimental aspects of the degree

Google App Script and SQL - built a product database for a manufacturing and exporting business

EXTRA-CURRICULAR ACTIVITIES

Content Designer, The Big May Ball Appeal - Coronavirus, Cambridge

March 2020 - June 2020

- Designed posters and content for the initiative to raise funds to aid local hospitals with coronavirus cases.
- Raised over 1.5 million baht through the campaign which was featured on national news.

Captain of the Downing College Ultimate Frisbee, Cambridge

January 2017 - December 2018

- Devised training routines and organised intercollegiate matches.
- Led team during matches, keeping morale high and making quick decisions.