PAVARUTH BURANAKITSIN

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SUMMARY

I am an aerospace engineering graduate from Chulalongkorn University who enjoys solving programming problems. My passion for coding started when I was working on my senior project, which involved software development. Ever since then, I have aimed to work as a software engineer or software developer.

Although coming from an aerospace engineering background, I do have programming experience through courses, projects and my current profession as a front-end developer; the details about my senior project, certificates and some minor coding-related projects are available on my GitHub and LinkedIn links.

EDUCATION

B.E. Chulalongkorn University,
Aerospace Engineering (International Program)   2016 - 2020
GPAX: 3.04

COMPUTER SKILLS

Programming Language: Python, Golang, JavaScript, Java, Typescript
Software: MATLAB
Framework: React, React Native
Database: MySQL

PROFESSIONAL EXPERIENCE

Front-end Developer | Cheddo Technology   JAN 2020 – PRESENT
- Develop features to enhance the user experience using React and React Native
- Optimize both website and mobile application for maximum speed
- Integrate APIs endpoints in frontend applications
- Ensure that the designs for both website and mobile application are responsive

Intern | Triumph Group   JUN 2019 – JUL 2019
- Performed adhesive bond strength tensile lap shear testing under supervision of experienced technicians
- Assisted design engineers in components scanning
- Assisted design engineers in technical drawings

Intern | Thai Airways International   JUN 2018 – JUL 2018
- Learnt how to use Aircraft Maintenance Manual (AMM) based on real-life cases
- Visited several workshops at Suvarnabhumi International Airport: Oxygen Distribution System, Aircraft Structure Reparation, and Brake & Wheel to review their responsibilities

PROJECTS

Senior Project | Development of MATLAB Application   JAN 2020 – MAY 2020
- Developed MATLAB application to solve two-dimensional diffusion equation by Bubnov-Galerkin method on triangular

and quadrilateral meshes

Minor Project | Expense Calculator   2020
- Designed and developed expense calculator website using vanilla JavaScript

Minor Project | Contact Android App   2020
- Designed and developed contact app on Android using React-Native framework

Minor Project | Math Quiz   2020
- Developed math quiz app using Golang

Minor Project | Fatal Shootings in the US by Police Officers   2020
- Explored, analyzed, and created models from "fatal shootings in the US by police officers" dataset using Python

CERTIFICATIONS

Certificate of Completion | Achieve Challenge: Python For Data Science 35 Days
- Issued by Bangkok Innovation House on Sep 9, 2020

Certificate of Completion | Thinking Like A Programmer Pathway (Gold Award)
- Issued by Chulalongkorn University on Aug 31, 2020

Certificate of Completion | Learn How To Code: Golang Programming Language
- Issued by Udemy on Aug 28, 2020

Certificate of Completion | Business Intelligence Analyst Course
- Issued by Udemy on Jun 2, 2020

LANGUAGES

Thai: Native Language

English: Advanced Working Proficiency according to TOEIC (975 / 990)

EXTRACURRICULAR ACTIVITIES & VOLUNTEER EXPERIENCE

CU AERO Annual Camp   2016 – 2020
- Participated in camp activities

Paper Ranger   FEB 2019
- Created notebooks from used paper for children in need

CU-KU AERO Volunteer Camp   2017 – 2019
- Participated in volunteer activities to conserve forests by planting sampling