Adventus Naibaho

Mechatronics Engineering
Batam State Polytechnic

Contact

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Skills

Python, C#, and C++ Programming
Internet of Things
Web and Android development
Artificial Intelligence
Machine Vision

Certification

Machine Learning and Deep Learning in Python and R (**Udemy**)
7 July 2021

Ultimate Python Bootcamp for Data Science and Machine Learning (**Udemy**)
8 july 2021

Learn The Basic of Data Visualization (**Dicoding**)
16 July 2021

Cloud Practitioner Essentials (**Dicoding**)
18 july 2021

Getting Started Programming with Python (**Dicoding**)
26 july 2021

Learn Machine Learning for Beginners (**Dicoding**)
26 july 2021

Sensor Manufacturing and Process Control (**Coursera**)
7 August 2021

Junior Web Developer (**BNSP**)
22 November 2021

Introduction to IoT (**Cisco Networking Academy**)
12 February 2022

Installations and Activation Technicians (**BNSP**)
17 march 2022

Summary

I am a Mechatronic Engineering student at Batam State Polytechnic, now i am in six semesters for july 2022. I am confident with my abilities in programming especially in web, desktop apps, android apps and IoT project. In Electrical I am learn PLC, Control System and Pneumatic in my college. For this semesters i am currently propose my thesis that talk about deep learning.

Education and Course

Batam State Polytechnic / D4- Mechatronics Engineering
August 2019 – Now
Stanford University (Coursera) / Machine Learning
June 2022 – Now
DeepLearning.AI (Coursera) / Convolution Neural Networks in TensorFlow
June 2022 - Now
DeepLearning.AI (Coursera) / Introduction to TensorFlow for AI, ML, and DL
June 2022 - Now

Organization History

PD-Elshaddai / Deputy Head of Music Division
Jan 2020 – Des 2020
Himpunan Mahasiswa Elektro / Multimedia Production Division
Jan 2021 – Des 2021

Project Based Learning Experience

Lab Virtual Based On Internet of Things
(Jun 2021- Des 2021)
Project based learning system implemented to overcome the problem of ineffective online learning during the pandemic, me as a team coordinator of this project that was entrusted and led six partners, in this project we implemented an internet of things system using raspberry pi to overcome the basic electronics practicum process that can be remotely in other places by the user. My jobdesk is mechanical design, raspberry pi programming and project management.

Billboard Effectiveness Analysis based on IoT with CNN Method (Feb 2022- Now)

For this year i have new project and my self as a leader of the team. Background of this project is about the fact of billboard that can't measure how many people saw the advertisement at the billboard. So from that problem we give a solution to make a viewers monitoring siystem, so the basic principe is camera will detect the human face, car, and helm as a parameters of advertisement viewers in the road, system will count it and calculate it to be a billboard rating, Billboard rating will viewed at android apps as the interface. The purpose of this project is making a simple apps that can give information to user about billboard price, rating, status viewers, and with data billboard agency can promote their billboard more interested to user.