

Aditya Alif Nugraha

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Skill

Proficient in Python, Java; Familiar with Go, C++, HTML, CSS; Previously used PHP, Pascal; Interested in Machine Learning, Computer Vision, Data Mining, Software Engineering; Have a great willingness to learn, happy to do research, and can work well in team.

Education

2015 - 2019

Bachelor of Computer Science / Telkom University

Coursework: Basic Algorithms and Programming, Data Structures, Calculus, Matrices and Vector Space, Database Modelling, Database Systems, Software Analysis and Design, Object Oriented Programming, Design and Analysis of Algorithms, Software Implementation and Testing, Data Mining, Machine Learning, Digital Image Processing, Recognition Systems, Distributed and Parallel System, Information Systems, Artificial Intelligence.

Activities

Study Group / Telkom University Artificial Intelligence Laboratory

Task: Learn and implement some methods of artificial intelligence. In example, Fuzzy Logic, Genetic Algorithms, Naive Bayes, k-Nearest Neighbors, Artificial Neural Networks, etc.

Course Projects

Machine Learning / Python, Numpy, Pandas, Matplotlib

Analyzing, designing, implementing machine learning model. That are Regression, Support Vector Machine (SVM), Naive Bayes, Artificial Neural Network (ANN), Hierarchical Clustering, Self-organizing map (SOM), K-Means, Reinforcement Learning, and Random Forest.

Integrated Minimarket System / Java & SQL

Analyzed user needs, designed system requirements, implemented and tested an application that includes sales, procurement, and reporting for minimarkets with local MySQL database.

Committee Experiences

MEI 2017 – SEPTEMBER 2017

Event Division Coordinator / MATLAB Training for Face Recognition

Responsible for the whole series of events, coordinating members, and ensuring the running of the event.

APRIL 2016 – NOVEMBER 2016

Finance Sponsor and Public Relation Division Member / Informatics

Anniversary 2016

Responsible for getting as many sponsorships as possible, promoting events, and scheduling committee activities.