Affiliations and Accomplishments

Development of an intelligent drone

For M.S thesis we build a drone and was trying to make it intelligent by processing its sensors and stereo cameras due to lack of financial support the project stopped.

Unbounded outlier detection

I have designed an unbounded with no pre-defined conditions to process and extract outliers using ANN & clustering algorithms which can be used in many applications.

Software development cost prediction

have worked on software development cost prediction which by some pre-defined factors we can predict some development costs effectively.

Image detection and processing

have a working history for image processing and detection using (deep/shallow) neural network methodologies.

Deep background on ranking systems

I have a good foundation on ranking systems which can be useful on many real-life applications.

Analysis of police emergency response systems

As a part of my military service tasks that have been assigned to me; I have had a chance to study police emergency response systems and introduce huge improvements to the system as a resulting report.

Influence detection for social networks

I have a study history for influence detection in social networks which tries to compute the influence-rate of its nodes (entities) and determine the most influent nodes .which can be used for advertising and marketing purposes.

A new signal for medical image processing

I have done some works on medical image processing field which I was able to introduce a new signal for distinguishing desired features.

Improvements in multi-agent learning systems using novel expertness criteria and fuzzy integral

For M.S thesis I designed an algorithm which helps robots to share their knowledge by sharing their own knowledge with others it became a very sophisticated algorithm.

Open Source Pojects - which developed by me

/ Rails-ACU

ACU is the acronym for Access Control Unit, and it's designed to give the 100% control over permissions on multiple levels of rails application's structure.

/ Lizard

A lightweight and efficient C++ testing library.

/ Zinux

A simple and lightweight but powerful framework for PHP supporting MVC design pattern.

/ GCPP

A precise smart pointer collection for garbage collecting in c++.

Interests

/ Artificial Intelligence Projects

/ Web Developments

/ Robotic Developments

Socials

/ alphamarket

/ in/dariush-hasanpour

/ story/dariush