



DARIUSH HASANPOUR

CREATOR & CREATIVE

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About Me

Talented hard-worker developer and problem solver offering many years of development and deployment experience in different platforms, languages, and frameworks. professional at designing and solving linear and non-linear systems; design and improve software architectures; designing Artificial Intelligence-based systems. In general, I am a problem solver and developer person who love to be always on the edge of the technology and try new things.

My Objectives

Help and try to create businesses that help people to earn money from those businesses and also develop and deploy applications of science to improve human lives qualities.



Work Experiences

2018 - Present

Founder & CTO at Projeham

Founder and CTO of a startup *projeham.com* which helps people to find experts easier and trust their projects to them and deploy those in the safest and fastest way.

2013 - 2014

Developer at Elsif

A full-time, full-stack Ruby on Rails developer at *elsif.ir* which was an early stage startup for educational purposes. Its goal was creating and sharing educational videos for programming and computer science fields.



Educations

2014 - 2016

Master of Science Artificial Intelligence And Robotics

Isfahan University of Technology,
Isfahan, Isfahan Province, Iran

2009 - 2014

Bachelor of Science Software Engineering

Urmia University of Technology,
Urmia, West Azerbaijan Province, Iran



Knowledge & Skills

Programming Skills

Advanced knowledge of C, C++, C#, Python, PHP, Ruby, and Ruby on Rails, MySQL, Javascript, Simulink, Bash and troubleshooting & Debugging

Software Engineering

API and Software architecture design

Artificial Intelligence Methodologies

Artificial Neural Networks, Deep NN, SVM, Fuzzy Systems, Evolutionary Algorithms (in general), Linear / Non-Linear Algorithms
Image / Text / Signal processing

Data Mining

Data management, Data collection and analysis, Preprocessing & Data extraction

Application Developer

Qt / Electron Cross-platform developer



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.



/ Zinux

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



/ Lizard

A lightweight and efficient C++ testing library.



/ 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