MiaoDX

锡东旭

Graduate Student,
Self-motivated Developer

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Skills
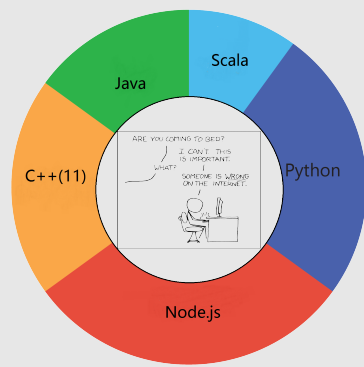

- OOP
- Relational/Document DB
- Computer Vision
- Hardware Programming
- Machine Learning
- Web Stuff
- Latex/Markdown
- Self-motivated Dev

Interests

Computer Vision

Software Engineering

Configure Stuffs

Functional Programming

Languages

- Scala
- Java
- C++(11)
- Node.js
- Python

Education

2016 - Now	**MSe., Computer Software**	Tianjin University
	Tianjin, China	
2012 - 2016	**BEng., Computer Software**	Xidian University
	Xi'an, Shaanxi, China	

Scholarships & Awards

2016-2017	**First-class School Scholarship**	Tianjin University
Oct 2016	**Postgraduate recommendation offer from Tianjin University**	
2014-2015	**National Inspiration Scholarship**	Xidian University
2014CUMCM	**Second-class prize in Shaanxi Division**	
2013-2014	**Second-class School Scholarship**	
2012-2013	**First-class School Scholarship**	

Projects

Recent projects, more can be found in github github.com/MiaoDX

Python ML

UCI Adult database processing with scikit-learn scikit_learning
Use scikit-learn to predict whether income exceeds $50K/yr based on census data, got best result in class(85%-86% precision on test set with scikit-learn lib only).

Node.js mongodb

Attendance management system attendance system
In a team of four, made an RESTful attendace webset system with Node.js, mongodb and Jade for a (faked) company. Stuffs can ask for leave via our system and wait for the managers's approval, statistical information can also be generated from our system.

Java BP

A sample back propagation implementation using java bp_java
I think it really necessary to implement a simple ANN from scratch before diving into those asmazing open source ML(DL) libraries. In this way, we will have a better understanding of ANN and will not treat those toolkits as blackboxes and just hope we will get nice result after an uncertain time.

Baidu Map API D3.js

Display churches in Tianjin baidu_map_church
Course project of Visual Analysis class, since I really love the architecture of old churches, so I use Baidu Map API to get all churches' locations in Tianjin and display them with D3.js.

Experience

Feb 2017 - Present	**Graduate Teaching Assistant**	Tianjin University

TA for Programming Design Practice I, full english course for freshmen.

Summer vacation 2013	**Valunteer Teacher**	Dripping Action

I volunteered to teach in a primary school in TongChuan, Shannxi province for more than half a month(18 days) with my teammates, that volunteer work was organized by "Dripping Action"(one project of Mutualistic Symbiosis Community of Youths & Environment ,Shaanxi).

Sep 2012 - Sep 2013	**Club activity**	Xidian University

Member of Young Volunteer team and Work-study centre clubs in School.

Personal

- Passed CET-6 (460), english as working language
- Basketball, Boxing, Running, Cycling