HaiXing Dai

to be a leading scientist∞

Education

2012 – 2016	**Undergraduate**	
	Computer Science	
	Univ. of Elec. Sci. & Tech. of China	
	GPA: **3.85**/4 (**88.4**/100)	
2018 – Present	**PhD**	
	Computer Science	
	Univ. of Georgia	

Awards

Tang LiXin Elite Club Member   Nov. 2015

The top 60 students in UESTC

Honorable Award in 2014 MCM/ICM   Mar. 2014

The Mathematical / Interdisciplinary Contest in Modeling

1st Prize in 2013 Baidu NITC   Nov. 2013

Baidu Nationwide Intelligent Terminals Contest

National Scholarship in China   Oct. 2013

Research Experience

CAID in University of Georgia

Cortical Architecture Imaging and Discovery (CAID) lab
1. Classification on fMRI data via Neural Architecture Search approach for CNN.
2. Working with senior members at CAID to develop the novel longitudinal liner method to identify the consistent ICNs of macaque brain.

Research Assistant in CAMCA lab

Center for Advanced Medical Computing and Analysis in **Harvard Medical School** & **Massachusetts General Hospital**
1. MEG data analyze under the direct of Dimitrios(**MIT**)
2. Hyper-parameter optimal on GNN under the direct of QuanZheng Li (HMS&MGH CAMCA Lab)

Publication

Haixing Dai, Fangfei Ge, Qin Li, Tianming Liu ,Optimize CNN Model for fMRI Signal Classification via AdaNet-based Neural Architecture Search , ISBI, 2020 (accpeted)

Yu Zhao, **Haixing Dai** , Wei Zhang, Fangfei Ge, Tianming Liu ,Two-stage Spatial Temporal Deep Learning Framework for Functional Brain Network Modeling,ISBI, 2019

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⌨ | https://github.com/yhydhx

Previous Work Experience

Team leader, SysLab, UESTC

Mar. 2013 - Mar. 2015

SysLab is major in website design and development
1. Instruct students to learn and complete projects
2. Lead the discussion with the Party A for requirements
3. Take the responsibility for team member recruitment

Research Assistant, CompleX Lab, Bigdata Centre, UESTC

Jul. 2014 - Aug. 2016

CompleX Lab is focused on.Network Science and Statistical Physics
1. Built a game platform (gt.jupiterme.info) for game theory experiments and analyzed the data behind.
2. Visualized the transportation and human's mobility
3. Processed and analyzed millions of enterprise data
4. Crawled paper information from websites (Nature, PNAS, etc.), built and studied the coauthorship networks

Senior Research Assistant, Web mining lab, City University of Hong Kong

Nov. 2015 - Feb. 2016 & Sep.2016 - Aug.2018

Web mining lab, directed by Professor Jonathan ZHU
1. The Competitive Agenda-setting Process among Multiple Issues and Multiple Sources on Social Media: Zero-sum Theory 2.0 (Project no. : 9618003)
2. Detecting "Issue Publics" from Social Media: A New Approach to a Long-standing Problem(Project no.:7004326)

Programming Skills

1. OS: linux (expert)
2. Version control software: git(expert). See more details at my Github(github.com/yhydhx)
3. Back-end program language: php(expert), python(expert), java(familiar) and c(familiar)
4. Front-end program language: html(familiar), css(familiar) and javascript(expert)
5. Statistic language: MATLAB(expert)
6. Database: mysql(expert), mongodb(expert)
7. Big data skills: Hadoop, Spark, Scala, TensorFlow, Pytorch