

Chao Huang

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<http://people.cs.clemson.edu/~chaoh/person/index.htm>

Education

- **Clemson University** Clemson, SC
Master of Science in Computer Science May 2015
Focusing on Databases and Data Mining **3.67/4.0 average**
- **Southeast University** Nanjing, China
Master of Science in Biomedical Engineering Jun. 2013
Focused on data mining algorithm
- **Southeast University** Nanjing, China
Bachelor of Science in Biomedical Engineering Jun. 2010
Focused on computer based technology **3.25/4.0 average**

Internship

- **Majoraide Team: Build CSSA official and BBS website** **Starting from Jun. 2014**
Organized framework with Apache and Nginx
Built the front-end design with Twig, jquery
Building back-end module with MySQL and PHP
Transplanting our framework to Symfony system

Projects

Skilled language: C++ & PHP

- **Data mining project: Dogs vs. Cats analysis** **Spring, 2014**
Designed a graphic data mining algorithm to tell dogs and cats apart using Matlab and C++
Imbedded the algorithm into android system and analyzed the picture captured by cellphone using Java
- **Data mining project: Data mining from social network** **Spring, 2014**
Extracted the data from social network, such as Amazon and Twitter using Java and PHP
Analyzed customer's behavior using the data mining method
- **Fisheye picture design** **Fall, 2013**
Finished a fisheye magnification function which can magnify the picture like a fish eye using C++
Finished a user-interact environment that allowed the user to reshape the picture
- **Biomedical data mining and mathematical model research** **Sep. 2010 to Jun. 2013**
Designed and used a new mixture factor analysis model to find the feature of EEG signal
Finished a paper titled Mixture factor analysis based probabilistic model for learning CSP and its application on EEG signal

Relevant Courses

Database Management System	Computer graphics images	Computing Theory
Database Management System Design	Data Mining	Algorithms Design

Leadership

Team leader, Entrepreneurial Team named 'PROTECH' (Won champion, Oct.2009 to Jun. 2010)
President, student union in BME institution (Sep.2008 to Jun. 2010)
Initiator, a campus English club (Sep.2011 to Jun. 2013)
Volunteer, Beijing Olympic Games promotional activity (Summer 2008)