

ZICHEN CHAO

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EDUCATION

Shanghai JiaoTong University

B.Eng. in Computer Science (IEEE Honor Class)

Overall GPA: 3.52/4.3

Sep 2011 - Now

EXPERIENCE

IBM Research – China

Research Intern

Jul 2014 - Sep 2014

Beijing

- The only undergraduate intern in over 50 interns.
- Leveraged convolutional neural network and semantic concept learning to predict image sentiment in social web.
- Submitted a paper(Image sentiment analysis based on hierarchical semantic concept ontology and convolutional neural network) to WWW 2015 as the first author.

APEX Laboratory in SJTU

Undergraduate Research Assistant

Feb 2014 - Now

Shanghai

- The only undergraduate research assistant in multimedia group.
- Realized and analyzed the performance of approaches leveraging different low-level visual features to implement general image sentiment classification.

IEEE Honor Class in SJTU

Teaching Assistant of Programming and Data Structure course

Mar 2013 - June 2013

Shanghai

- One of the only 4 TAs selected from 97 students in IEEE Class 2011 to tutor the students in IEEE Class 2012.
- Gave lectures about basic algorithms and data structures.
- Designed problems and solutions for online programming tests.

SELECTED COURSE PROJECT

Android App Development

Course: Software Engineering

Mar 2013 - May 2013

- The final presentation of this project got full marks.
- I was the leader of the 5-members team for this project, and was responsible for the whole android development.
- Based on client-server structure, the android app extracts and integrates information about campus life from different sources, and allows users to filter the information based on preference.

Computer-GO AI Project

Course: Artificial Intelligence

Nov 2013 - Jan 2014

- Our AI system was ranked No.1 in the GO competitions among 16 teams (without a loss).
- I was responsible for the pattern recognition part.
- Based on Monte Carlo method, we simulate thousands of games to evaluate the status and use UCT for search.

AWARDS

Merit Winner(as the team leader) of Mathematical Contest in Modeling (MCM)

2014

The Third-Class Scholarship of Shanghai Jiao Tong University(30%)

2012, 2014

Merit Student(10%)

2012, 2014

Outstanding student cadre

2013

EXTRACURRICULAR ACTIVITIES

President of department of publicity in School of Electronic Information and Electrical Engineering

2013-2014

Member of undergraduate admission committee of SJTU in Hunan Province

2012

TECHNICAL STRENGTHS

Programming Languages

C++, Python, Java, MATLAB, HTML, JavaScripts, MySQL

Libraries & APIs

OpenCV, Caffe, Django

Operation Systems

Linux(Ubuntu), Unix(Mac OS X)