Jiawei (Kavin) Yao

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OBJECTIVE

To obtain a **software engineer internship** (2014 Summer).
To deliver innovative software that is high-quality, reusable and valuable to the user.

SKILL SET

Excellent problem analysis skill
Proficient programming skills: Python, JavaScript, Java, C++, PHP (order by familiarity)
Comprehensive knowledge of the web platform, from server to browser
Fair familiarity with *nix (system programming, command line, scripts)
Open source contribution: https://github.com/kavinyao

EDUCATION

Stanford University, Stanford, CA   2013/09 - 2015/06 (EST.)
M.S. in Computer Science, AI track, GPA: 3.8/4.0
Courses: CS140, CS147, CS221, CS229, etc.

Nanjing University, Nanjing, China   2009/09 - 2013/06
B.E. in Software Engineering, GPA: 4.5/5.0, Ranking: 1/240

EMPLOYMENT

Qiduo Information Technology Co., Ltd.   Nanjing, China
Software Engineer Intern   2012/07 - 2013/03
- Learned how to move fast and work under pressure at startup
- Developed a full-feature SNS website (~10kloc PHP, ~5kloc JS, ~3kloc LESS/CSS)
- Optimized database and static files such that page load time is <200ms per request
- Implemented online chat feature by customizing Tigase and strophe.js

RECENT PROJECTS

Pure, *webpage main content extractor*   2013/10 - 2013/12
- Proposed a machine learning approach to content extraction problem
- Incorporate HTML semantic with Naïve Bayes
- Achieved competitive performance compared to state-of-the-art methods

AMR, *airplane model recognition*   2013/09 - 2013/12
- Recognize airplane models from images automatically
- Proposed an effective feature set based on distribution of simple visual traits
- Achieved satisfactory accuracy compared to state-of-the-art methods

SKBPR, *keyword-based recommender system*   2013/04 - 2013/06
- Solved user "cold start" under specific scenario
- Designed high-performant framework of data processing and model generation

RESEARCH EXPERIENCE

Recommender System Group, Nanjing University, China   2011/05 - 2012/05
Undergraduate Research Assistant
- A project of Nanjing University Undergraduate Innovation Program
- Did extensive research on user "cold start" problem
- Published a method of product recommendation based on search keywords

ABOUT ME

Command-line-aholic, Vimer, git-ster and Firefox user.
Taking photos with iPhone 5s and Sony NEX-5R.