

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.	
EDUCATION	Stanford University , Stanford, CA	2013/09 - 2015/06 (expected)
	M.S. in Computer Science, AI track, GPA: 3.8/4.0 Courses: CS140, CS147, CS221, CS229, etc.	
EMPLOYMENT	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
	<i>Software Engineer Intern</i>	2012/07 - 2013/03
SKILL SET	<ul style="list-style-type: none">- Learned how to move fast and work under pressure at startup- Developed a full-feature SNS website (~10kloc PHP, ~5kloc JS, ~3kloc LESS/CSS)- Kept page generation under 200ms with various optimizations	
	Excellent problem analysis skill Proficient programming skills: Python, JavaScript, C++, Java, PHP (order by familiarity) Comprehensive knowledge of the web platform, from server to browser Fair familiarity with *nix (system programming, command line, scripts)	
COURSE PROJECTS	Pure , <i>webpage main content extractor with machine learning</i>	2013/10 - 2013/12
	<ul style="list-style-type: none">- Incorporate HTML semantic with Naïve Bayes- Achieved competitive performance compared to state-of-the-art methods	
COURSE PROJECTS	AMR , <i>automated airplane model recognition</i>	2013/09 - 2013/12
	<ul style="list-style-type: none">- Proposed an effective feature set based on distribution of simple visual traits- Achieved satisfactory accuracy compared to state-of-the-art methods	
COURSE PROJECTS	SKBPR , <i>keyword-based recommender system</i>	2013/04 - 2013/06
	<ul style="list-style-type: none">- Solved user "cold start" with search keywords- Designed high-performant framework of data processing and model generation	
SIDE PROJECTS	Starry Night , <i>dynamic starry night emulation with canvas animation</i>	2014/01
	<ul style="list-style-type: none">- Demo: http://kavinyao.github.io/HTML5-Demos/- Support full screen for enjoyment (press f)- Dynamic layout responsive to viewport change	
SIDE PROJECTS	highlight.js , <i>highlight any text on web page like in Preview</i>	2013/11
	<ul style="list-style-type: none">- Handles various selection modes (forward, backward, cross-node)- Works as a library or Vimperator plugin	
SIDE PROJECTS	Sweep , <i>minimalistic template written in PHP</i>	2013/01
	<ul style="list-style-type: none">- Generates PHP code from templates in Django-like syntax- Supports variables, filters, control blocks	
RESEARCH EXPERIENCE	Check out my GitHub repos: https://github.com/kavinyao	
	Recommender System Group , Nanjing University, China	2011/05 - 2012/05
RESEARCH EXPERIENCE	<i>Undergraduate Research Assistant</i>	
	<ul style="list-style-type: none">- A project of Nanjing University Undergraduate Innovation Program- Published a method of product recommendation based on search keywords	
ABOUT ME	Proud to use fish, Vim, Git, Github, Twitter and Firefox Taking photos with iPhone 5s and Sony NEX-5R	