

James Kao

OBJECTIVE	Seeking an internship where my skills in object-oriented design and software development will be utilized to create innovative products and solve problems.	
TECHNICAL SKILLS	Fluency:	Java, C/C++, Python
	Exposure:	Android, JavaScript, jQuery, PHP, Ruby, MIPS Assembly
	Databases:	Datastore
	Frameworks:	webapp2, Bootstrap
	OS Environments:	Unix (Bash), Windows, OS X
	Technologies:	LAMP, GCC, Git
PROJECTS	Compiler (In Progress)	Feb 2014 – Present
	<ul style="list-style-type: none">• Reads in the source program and creates a streams of tokens• Checks that tokens are assembled according to the predefined X grammar• Builds an abstract syntax tree to represent the source program• Generates bytecodes from the AST to be processed by the virtual machine	
	Personal Blog thekao.com/blog	Jan 2014
	<ul style="list-style-type: none">• Features user registration, login, logout, and permalink pages• Hashes user login session information into browser cookies for security• JSON output access for other developers to pull information from posts• Caches posts with memcached to limit post queries when scaling• Development Stack: Python, Google App Engine, Datastore, webapp2	
WORK EXPERIENCE	Mirapath, Inc. Internal Technical Support Intern	June – Sept 2008
	<ul style="list-style-type: none">• Developed a PHP delivery form to update shipping and receiving information, improving time efficiency during inventory changes.• Designed and implemented interface enhancements e-commerce websites• Updated product technical spec. for existing and new incoming products	
PERSONAL STRENGTHS	Solid understanding of data structures, algorithms, and object oriented design Excellent verbal and written communication skills and ability to work in a team Quick to adapt to new environments and technologies Passion for tackling challenges and finding creative solutions to technical problems	
EDUCATION	B.S. Computer Science San Francisco State University	Dec 2014 (expected)
	Upper Division Coursework:	
	<ul style="list-style-type: none">• Software Development (In Progress)• Analysis of Algorithms (In Progress)• Programming Methodology• Theory of Computing	
CERTIFICATIONS	Udacity CS 253 Web Development	Jan 2014
	Codecademy Web Development Track	July 2013
	MITx 6.00x Intro to Computer Science [Python]	June 2013
ORGANIZATIONS	Association for Computing Machinery Member	Aug 2013 – Present