

Khoa Q.D. Tran

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EDUCATION	University of California, Berkeley	Fall 2012 - Present
	Bachelor of Arts, Computer Science. GPA: 3.59 Expected graduation date: May 2014	
	Monterey Peninsula College	Fall 2010 - Summer 2012
	Associate of Arts, Computer Science and Mathematics. GPA: 4.00	
RELEVANT COURSEWORK	Machine Structures	Structures and Interpretations of Computer Programs
	Discrete Mathematics	Probability and Risk Analysis for Engineers
	Data Structures	Intro to Web Design using HTML/CSS
	Algorithms (<i>In Progress</i>)	Intro to Digital Electronics (<i>In Progress</i>)
EXPERIENCE	Research Apprentice	September 2012 - Present
	<i>Knight Lab, Helen Wills Neuroscience Institute, UC Berkeley</i> <ul style="list-style-type: none">Conducted research on neural signals with a Postdoc using Matlab and eye tracking system	
	Calculus Tutor	June 2012 - August 2012
	<i>Math Tutoring Center, Monterey Peninsula College</i> <ul style="list-style-type: none">Provided one-on-one and in-group tutoring to 10+ students taking Calculus 1 and 2	
PROJECTS	Ninja Scraper	Python
	<ul style="list-style-type: none">Scraper that automatically downloaded all past exams for a selected course	
	MapReduce in the Cloud	Java, Hadoop
	<ul style="list-style-type: none">Text analyzer ran on Amazon EC2 that determined the co-occurrence rates between phrases in the corpus	
	Scheme Interpreter	Python, Scheme
	<ul style="list-style-type: none">Interpreter that parsed and evaluated expressions in a subset of the Scheme language	
	Plagiarism Detection Program	Java
	<ul style="list-style-type: none">Plagiarism detector that checked for similarities among homework submissions in an Introductory Programming class	
TECHNICAL SKILLS	Programming <ul style="list-style-type: none"><i>Proficient:</i> Java; C/C++; Python<i>Working Knowledge:</i> Scala; Scheme; Matlab; MIPS Assembly; HTML/CSS; JavaScript; Bash Scripting	
	Operating Systems and Software Tools <ul style="list-style-type: none">Ubuntu; Mac OSX; Windows 7/XPGit; Visual Studio; Eclipse; Emacs; LaTeX	