

Khoa Q.D. Tran

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EDUCATION	University of California, Berkeley	Fall 2012 - Present
	Bachelor of Arts, Computer Science. Cumulative UC GPA: 3.59 Expected graduation date: May 2014	
	Monterey Peninsula College	Fall 2010 - Spring 2012
	Associate of Arts, Computer Science and Mathematics. Cumulative GPA: 4.00	
RELEVANT COURSEWORK	Data Structures	Discrete Mathematics
	Machine Structures	Algorithms (<i>In Progress</i>)
	Probability & Risk Analysis for Engineers	Industrial & Commercial Database Systems (<i>In Progress</i>)
EXPERIENCE	Software Engineering Intern	Beginning Summer 2013
	<i>Ocean Tomo, San Francisco</i>	
	Content Developer	March 2013 - Present
	<i>Mathapedia Research Group, EECS Department, UC Berkeley</i>	
	<ul style="list-style-type: none">Develop interactive contents for EE149: Intro to Embedded Systems using \LaTeX, Javascript, and MathJax	
	Reader/Grader	February 2013 - Present
	<i>EECS Department, UC Berkeley</i>	
	<ul style="list-style-type: none">Grade weekly problem sets in CS70, Discrete Mathematics & Probability Theory for 400+ studentsHold weekly office hours and go over graded problem sets with students	
	Software Engineering Extern	March 2013
	<i>Constant Contact</i>	
	<ul style="list-style-type: none">Shadowed engineers, observed their day-to-day routines, and discussed cultural & technical questionsGained a deeper understanding of the software development process and the power of version control	
	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	Database Design Project (<i>In Progress</i>)	MS Access, SQL
	<ul style="list-style-type: none">Design and develop a relational database management system for Project Juice, a San Francisco-based startup, in a team of 8 studentsDevelop and maintain the team's website for public presentations	
	Ninja Scraper	Python
	<ul style="list-style-type: none">Improved and extended a scraper that automatically downloaded past exams for a selected course	
	Plagiarism Detection Program	Java
	<ul style="list-style-type: none">Developed and implemented a primitive plagiarism detector that checked for similarities among homework submissions in an Introductory Programming class	
TECHNICAL SKILLS	Programming	
	<ul style="list-style-type: none">Most experienced with Python and JavaFamiliar with C/C++, Scheme, SQL, Bash Scripting, HTML/CSS/Markdown, and JavaScriptDabbled in jQuery, Ruby, Scala, MIPS Assembly, and Matlab	
	Operating Systems and Software Tools	
	<ul style="list-style-type: none">Operating Systems: Unix(Solaris)/Linux(Ubuntu), Mac OS X, Windows 7/XPDatabases: SQLite, MySQL, Microsoft AccessFrameworks: Flask, Bottle, HadoopSoftware Tools: Git, Visual Studio, Eclipse, Emacs, \LaTeX/LyX	