

Education	Rice University Bachelor of Science in Computer Science (expected graduation in May 2014) GPA: 3.39	Fall 2010 - Present
Recent Coursework	<i>Fall 2013:</i> Software Engineering Methodology · Introduction to Computer Networks <i>Previously:</i> Design and Analysis of Algorithms · Compiler Construction · Advanced Object-Oriented Programming · Evolutionary Bioinformatics · Introduction to Parallel Programming · Introduction to Game Theory	
Technical Knowledge	<i>Languages:</i> Python (+ Flask) · Javascript (+ JQuery) · CSS (+ SASS) · Java · PHP · MySQL <i>Workspace:</i> OSX, Linux/UNIX environments · Git and SVN	
Work Experience	SnapStream TV Search Houston, TX Implemented an external video upload feature to improve client workflows · Refactored front-end code to modern standards, improving code quality, site speed, and maintainability	Software Development Intern Summer 2013
	Alice & Love Houston, TX Collaborated with a team of Rice undergraduates to design and build Alice & Love, an online fashion marketplace from the ground-up · Responsible for several full-stack features, including the transaction and infinite-scroll infrastructure · Led the team in front-end development	Software Developer Summer 2012
	Rice University Houston, TX Compiled a database of faculty committee work at Rice University for the Faculty Senate · Analyzed the data for demographical balance within their ranks · Automated verification tasks for the Department of Institutional Research	Assistant, Intern Fall 2011 - Spring 2012
Independent Projects	<i>Source and demos for these projects can be found at http://github.com/capshaw</i>	
	Sum Total Currently building an open-source budget and transaction tracking application with an emphasis on simplicity and ease-of-use · Built using Flask, SASS, and Javascript	May 2013 - Present
	Sudoku Generator & Solver Iterated on an application that generates and solves sudoku puzzles · Built using the Javascript module design pattern, SASS, and head.js	August 2013
	Rice Elections Collaborated with peers to build an application to hold secure automated elections for organizations at Rice · Built on Google App Engine and Python	January 2013 - May 2013
	General Cluster An iterative clustering program that allows a user to import two-dimensional data, display it, and cluster it into k groups · Written in Java	December 2012
Awards & Achievements	Best User Interface <i>Rice Hackathon 2012</i> · Valedictorian <i>Austin High School 2010</i>	