

Christina Louie

Contact Information	645 Heller Drive, Mailbox #53 Santa Cruz, CA 95064	(626) 297-0062 christina.louie18@gmail.com
Education	University of California, Santa Cruz M.S. in Applied Economics and Finance	Expected June 2017 GPA: 4.0/4.0
	University of California, Santa Cruz B.A. in Economics, Highest Honors B.A. in Mathematics (Computational Concentration), Honors	June 2016 GPA: 3.78/4.0
Skills	Analysis and Programming: R, Stata, Python, SQL, Matlab Editing: Microsoft Office, Libre Office, L ^A T _E X, Lyx Operating System: Windows, MAC, Linux. Languages: English, Cantonese, Mandarin	
Experience	Teaching Assistant, UC Santa Cruz <i>ECON 02: Introductory Macroeconomics</i> <i>ECON 113: Introduction to Econometrics</i>	January 2017 – Present
	<ul style="list-style-type: none"> • Assist professor and teaching assistants in a supportive role with daily curriculum. • Lecture a group of 40 or more students on course materials and work together to solve similar homework problems. • Create detailed homework solutions. • Proctor exams and collaborate with other teaching assistants in grading exams. • Managed course online homework assignments of 500 students and communicated with the Technical TA of Sapling Learning. 	
	Research Assistant <i>Income Dynamics Lab, UC Santa Cruz</i>	March 2015 – Present
	<ul style="list-style-type: none"> • Gather data for several projects by using optical character recognition software, write web scraping code in Python, and investigate US and Indian government websites. • Conduct basic analysis of the data using Excel, Python, and Stata. • Collaborate with other research assistants on web scraping projects on Indian government websites. • Present data results and project progress at weekly meeting. 	
	Research Assistant <i>LEEPS Lab, UC Santa Cruz</i>	September 2014 – Present
	<ul style="list-style-type: none"> • Assist professors and graduate students with their research experiments. • Conduct experiment, enter data into Excel, and analyze data using Stata. • Maintain email communication with lab manager and graduate students associated with the lab. Manage and bookkeep all financial transaction for every experimental sessions. Prepare all experiment materials required for session. Responsible for all emailing activities that occurs between subjects and lab session. • Train new research assistants. • <i>Book Editorial:</i> Reviewed and edited all math materials, compiled glossaries, proofread and edited citations and bibliography for an evolutionary game theory book. • Maintained email conversation with editors of Oxford University Press. 	
Statistical, Mathematical and Financial Training	Econometrics: Applied Econometrics Analysis I & II, Empirical Research (Time Series) Statistics and Mathematics: Probability Theory and Mathematical Statistics, Multivariable Calculus, Linear Algebra, Ordinary Differential Equations, Real Analysis, Number Theory, Linear and Nonlinear Dynamical Systems, Computational Methods and Applications Finance: Finance I, Financial Engineering, Security Markets	