

Patrick McClellan

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Degrees	<i>Master of Science, Applied Economics and Finance</i> Expected June 2019 University of California, Santa Cruz Cumulative GPA: 3.53
	<i>Bachelor of Science, Economics, Minor in Mathematics</i> June 2017 University of Oregon Economics GPA: 3.22
Technical Skills	<i>Languages & Software:</i> Stata, R, Python, Regression Analysis of Time Series(RATS). Familiar with SQL and HTML.
	<i>Modeling Experience:</i> Generalized linear and nonlinear modeling, regression discontinuity, difference-in-differences, VAR and ARIMA modeling.
Experience	<i>Teaching Assistant, Economic History of the US</i> April - June 2019 UC Santa Cruz <ul style="list-style-type: none">• Taught two discussion sections and held weekly office hours to complement Professor Bob Baden's lectures.• Graded assignments, proctored exams, and made grade recommendations based on students' participation in sections.
	<i>Research Assistant, Capital Realty Corporation</i> May 2016 - August 2018 Wilsonville, OR <ul style="list-style-type: none">• Assisted Brett Wilcox and Doug Noland in study analyzing determinants and signals of credit bubbles throughout history, in order to better forecast speculative markets in the future.• Created database of historical Federal Reserve Z.1 releases from 1946-2016.• Generated graphical representations of financial time series and estimated linear regressions with Stata and R to analyze effects of liquidity shocks on asset prices.
	<i>Economics and Mathematics Tutor</i> January 2015 - August 2018 Eugene, Oregon <ul style="list-style-type: none">• Assisted UO students with coursework and exam review for introductory economics and mathematics classes.• Taught fundamental concepts such as market equilibrium, probability theory, limits, derivatives, and optimization.• Wrote practice problems on fundamental concepts and created study guides for students to reference prior to exams and quizzes.
Extracurricular Activities	<i>President, UO Economics Club</i> 2016 - 2017
	<i>Public Relations Chair, UO Economics Club</i> 2014 - 2016
	<i>Mentor, Eugene 4J Middle School Mentoring Program</i> 2015 - 2016
	<i>Senator, Hamilton West Hall Government</i> 2013 - 2014