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Education	Columbia University	Aug 2017 – Dec 2018
	<ul> <li>M.A. Economics. GPA: 4.2/4.3</li> <li>Related Coursework: Advanced Econometrics, Macroeconomics, Financial Economics</li> </ul>	
	University of California, Los Angeles (UCLA)	Sep 2013 – Jun 2017
	<ul> <li>B.A. Business Economics, minor in Mathematics and Accounting. GPA: 3.9/4; Major GPA: 4.0</li> <li>Related Coursework: Econometrics, Game Theory, Mathematical Statistics, Probability Theory, Optimization, Graphical Network Analysis, Partial Differential Equations, Stochastic Process</li> </ul>	
Experience	XLP Capital, New York	Jun 2018 – Aug 2018
	<ul> <li>Hedge Fund Summer Quantitative Analyst (R&amp;D)</li> <li>Designed new energy-based machine learning model for time series prediction, which improved the old baseline model by 20% in terms of negative log-likelihood</li> <li>Built LSTM model with attention in J language to enhance return on a \$300M algorithmic fund</li> <li>Vectorized existing neural network models by J language and shortened training time by 50% of an algorithm running on Kdb and Jd database</li> <li>Implemented variations of LSTM_RNN_VAR models in L and Puthon to facilitate algorithmic research</li> </ul>	
	<ul> <li>Implemented variations of LSTM, RNN, VAR models in J and Python to facilitate algo research</li> <li>Developed a web scrapper in Ruby to collect stock price data and calculate momentum indicators</li> </ul>	
	<ul> <li>Shenyin &amp; Wanguo Futures, Shanghai Jul 2017 – Aug 2017</li> <li><i>Quantitative Summer Analyst – Research Institute</i></li> <li>Implemented and backtested R-Breaker momentum/reversal trading strategy in R and excel</li> <li>Built and tested an Empirical Mode Decomposition (EMD) indicator algorithm in R, which had directional prediction accuracy over 70% on CSI 300 stock index over 2014-2017</li> <li>Researched topics in Generalized Extreme Value distribution and Bayesian inference to facilitate development of a new commodity futures trading strategy</li> </ul>	
	<ul> <li>Morgan Stanley Huaxin Securities, Shanghai</li> <li>Investment Banking Summer Analyst – Debt Capital Markets 0</li> <li>Drafted prospectus and due diligence reports for a CNY 6.4</li> <li>Presented on bond issuance details in pre-offering roadshow</li> <li>Wrote research reports on bond default cases and industry compared to the second secon</li></ul>	B bond issuance deal ws for the deal above
Campus	Research Assistant, UCLA	Dec 2015 – Jun 2017
Activities	<ul> <li>Research Assistant to Aaron Tornell, Professor of Economics at UCLA</li> <li>Collected data and performed macroeconomic analysis on Chinese boom-bust cycle research</li> </ul>	
	<ul> <li>Admission Assistant, UCLA</li> <li>Master of Applied Economics Program</li> <li>Reviewed applicants' backgrounds and statements of purpose</li> </ul>	Feb 2016 – Jun 2017
Honors & Certificates	<ul> <li>Kathryn and Shelby Cullom Davis International Fellowship – Columbia University</li> <li>John J. Peterson Scholarship – UCLA Economics Department</li> <li>Passed CFA Level II, Level III Candidate</li> <li>Bloomberg Aptitude Test – Score: 700, 99th percentile, second place worldwide in Nov 2015</li> <li>Princeton University Mathematics Competition (high school) – first place in Geometry round, third place in Individual Final round, second place in Team round</li> </ul>	
Skills & Interests	<ul> <li>Programming languages: R, Python, J/K/APL, Stata, Matlab, Ruby, SAS</li> <li>Professional Tools: Bloomberg, Excel/VBA, WRDS, TradeStation, linux</li> <li>Interests: solving puzzles, playing Go and Gomoku, windsurfing</li> </ul>	