**Wei Wang**

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Experience conducting equity research, analyzing complex financial data, and modeling. Quantitative analysis skills and knowledge of financial markets honed through finance courses and internships. Engineering background enhances critical thinking and data analysis skills.

* CFA Level I Candidate (June 2015)
* Skills:C/C++, System C, MATLAB, Python, R, SQL, Microsoft Excel (VBA), Linux, Bloomberg, Capital IQ

**EDUCATION:**

**University of Rochester, Simon Business School**, NY  *March 2016*

***MS in Finance***

**University of California, Los Angeles**, CA *June 2014*

***MS in Electrical Engineering***

**Purdue University**, West Lafayette, IN  *August 2012*

***BS in Electrical Engineerin*g**

**WORK EXPERIENCE:**

**Chardan Capital Markets,** New York, NY *June 2014 – June 2015*

Equity Research Intern

* Perform fundamental analysis and industry research of mid-cap semiconductor companies for writing stock initiation report
* Create related financial statements and modeling for stock analysis using Bloomberg and Excel VBA
* Prepare company sales pitch book and marketing pack for sales team to reach potential clients

**Intel Corporation,** Hillsboro, OR *June 2013 – September 2013*

Research Consultant Intern

* Conducted comprehensive literature research and analyzed competitive advantage of different wireless signal transmission
* Modeled state-the-art transmission algorithm in MATLAB and C++ and tested models’ performance and accuracy
* Stimulated models on hardware platform for providing feasibility study to team

**RF Micro Devices,** Greensburg, NC  *June 2012 – August 2012*

Product Engineer Intern

* Performed analysis of manufacture yield of semiconductor chips using statistical tools and Six Sigma, findings used to improve efficiency of manufacture process

**SELECTED PROJECTS:**

**Portfolio Analysis Project**

* Constructed NYSE and AMEX stock portfolio using C++, MATLAB, Excel (VBA), and data from Wharton database respected to different index of stocks
* Analyzed abnormal stock returns related to market cap, E/P ratio, CF/P ratio, P/B ratio and prior return and verified Fama-French three factor CAPM model by reaching consistent return results

**Big Data Analysis**

* Implemented Collaborative Filtering method to build recommender system by using MATLAB
* Applied Latent Dirichlet Allocation method extract correlated relation from uncorrelated data using R
* Gathered and crawled information from html sources by using Python

**PUBLICATION:**

Channel-Adaptive Complex K-Best MIMO Detection Using Lattice Reduction, **IEEE SiPS**, 2014

**ACTIVITIES:**

**Green Energy Entrepreneurship Club (UCLA)**

* Learned entrepreneurship and business strategy of green energy companies

**Leaders in Sustainability Program (UCLA)**

* Learned economic, environmental and social factors in different sustainability issues related to business.

**TAG – Technology Assessment Group Program (UCLA)**

* Evaluated business strategy of technology company including market research and competitive advantage analysis

**BSC: Exploring Entrepreneurship (UCLA)**

* Analyzed business strategy different technologies and followed the investment process of Venture Capital to tech-companies