Veronica Lee

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CORE SKILLS

Python, R, SQL, Git, UNIX, AWS, GCP, Hadoop, Spark, MapReduce, Heroku, Flask, Stata, SPSS, QGIS, VBA, HTML, CSS

WORK EXPERIENCE

VTS - View The Space, Inc.   New York, NY
Senior Data Scientist, Data Science   Apr, 2021 − Present

A late-stage "unicorn" SaaS startup providing commercial real estate leasing and asset management technology solutions
- Build a commercial real estate business-focused Data Science team from the ground up as a founding member
- Develop data science performance metrics and communicate data driven narratives to the stakeholders, clients and leadership team
- Deliver an end-to-end productionized data science solution computing the most comparable spaces among listings on VTS Market
- Create viable data-driven insights, dashboards and tools through rapid data science/ML proof-of-concept and prototyping

Hodges Ward Elliott - HWE   New York, NY
Data Scientist, Research & Investment Sales   Sep, 2019 − Apr, 2021

A boutique real estate brokerage and investment banking firm with over $70 billion of closed transactions
- Built real estate investment-focused predictive models, interactive tools, analyses of big datasets and research reports
- Developed data sourcing strategy, end-to-end data science workflows and validation of related infrastructure and technology
- Performed statistical analysis on alternative/financial data to generate unique investment theses, market insights and asset valuations
- Developed web scrapers collecting and joining public data sources with NLP and machine learning techniques
- Sourced $340mm+ cross-border outbound investments from Asian institutional investors during the COVID-19 pandemic

The Data Incubator   New York, NY
Data Science Fellow   Jan, 2019 − Mar, 2019

Cornell-Tech incubated data science fellowship for STEM Ph.D. & Masters with <2% admission rate. The curriculum included:
- Machine Learning, Natural Language Processing, Data Structure and Algorithm, Data Visualization, Distributed Computing

Columbia Business School & HEC Paris   New York, NY
Graduate Research Assistant, Management Department   May, 2017 − Oct, 2018
- Analyzed how CEO's risk-taking personality traits impact a firm's acquisition performance with NLP and regression models
- Examined the role of social networks in shaping early 20th century abstract artists' fame with machine learning techniques

Bank of America Merrill Lynch   Jun 2012 − May 2017
AVP, Counterparty Credit Risk Portfolio Management   Jun 2014 − May 2017, New York, NY
- Developed and implemented methodologies to evaluate total company counterparty credit risk exposure
- Enhanced Internal Models Methodology (IMM) by providing advanced analysis on Risk Weighted Assets (RWA)
- Conducted sensitivity analysis by asset class, region and industry to measure and manage portfolio risk

Global Risk Management Analyst, Markets Risk Portfolio Management; 2nd year rotation   Jul 2013 − Jun 2014, New York, NY
- Applied to and selected by the most competitive team within the risk rotational program
- Enhanced computational accuracy of VaR backtesting and the attribution of profit and loss for portfolio optimization
- Analyzed market risk profile of trading businesses using VaR model, scenario analysis and statistical analysis
- Produced VaR backtesting reports for C-level executives, senior management, and regulatory examinations

Global Risk Management Analyst, CFO Compliance; 1st year rotation (placed)   Jun 2012 − Jul 2013, Charlotte, NC
- Hired into the highly selective 2-year risk rotational analyst program
- Built streamlined compliance issue monitoring models with enhanced compliance metrics for CFO group

EDUCATION

Columbia University, M.A. Quantitative Methods - Data Science Focus   New York, NY
- Earned degree while working full-time

University of Virginia, B.A. Economics & Chinese (double major)   Charlottesville, VA

VOLUNTEER EXPERIENCE

NY KANA Corporation, 501(c)3 Nonprofit Arts Organization, *Board Member*   Nov 2014 − Present
- Lead business development plans and manage 50+ staff for a nonprofit arts organization
- Develop organizational budget by winning grants and funding from governmental and institutional sponsors

OTHER SKILLS

Languages: Native speaker of English & Korean; Intermediate Mandarin Chinese
Licenses & Certifications: Licensed Real Estate Salesperson; The Data Incubator Fellowship; Neural Network and Deep Learning Coursera certificate, Microsoft Office Specialist (MOS) certificate   **Other Tools:** MS Office (Excel), Bloomberg Terminal, Argus