**Connie Lee**

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**Education**

**Ecole Polytechnique** Paris, France

*M.Sc.*, *M2: Analysis and Policy in Economics (joint with the Paris School of Economics) Expected Jun 2016*

*M1: Quantitative Economics and Finance (joint with H.E.C. Paris)*

**Columbia University** New York, USA

*B.Sc., Operations Research: Financial Engineering May 2014*

*Minor in Computer Science*

**Relevant Coursework:** Game Theory, Coordination in Macroeconomics, Inefficient Financial Markets, Accounting, Corporate Finance, Accounting, Statistics, Simulation, Numerical Methods, Stochastic Models, Asset Pricing, Semi- and Non- Parametric Methods, Asset Allocation, Applications Programming, Political Economy, Industrial Organization and Applications to Antitrust Regulation

**Experience**

**Altai Consulting** Paris, France

Strategy and Technology Analyst, Masae Analytics Team *Jan 2016 - Present*

* Conducted large scale data analysis on call data records for a mobile network operator’s growth strategy in the DRC; identified broadband coverage areas for upgrade with geographic mapping of data
* Investigated customer adoption journey of mobile financial services for financial inclusion survey in Kenya, Tanzania and Uganda;
* Built automated data cleaning and extraction program for company-wide use

**Millennium Partners** New York, USA

Commodities Summer Analyst *Jul 2014 – Aug2014*

* Developed models for US energy demand and natural gas power burn using Bayesian and non-parametric statistics
* Investigated temperature trends; Analyzed the day of week and holiday effects on natural gas demand
* Extrapolated weekly EIA natural gas storage estimate from pipelines’ nominations
* Improved computation speed of SQL queries; Created automated email updates to be sent each morning

**Columbia University** New York, USA

Research Assistant, Industrial Engineering and Operations Research Department*Apr 2014 – Aug 2014*

* Conducted research on event driven finance using a financial engineering approach
* Studied pricing discrepancies between American Depositary Receipts, their derivatives, and the foreign exchange rate
* Modeled the pre- and post- earnings announcement stock return and implied volatility behavior

**Citi** New York, USA

Business Analyst, Foreign Exchange and Local Markets Division, Citi Velocity Team  *Jun 2013 – Aug 2013*

* Improved data collection quality and computation speed for usage statistics application
* Conducted Quality Assurance and User Acceptance Testing on automated onboarding feature, external frame, and conference call feature on Citi Velocity
* Increased efficiency and security of information display through restructuring of entitlement groups

**Beijing Genomics Institute**  Shenzhen, China

Research Intern, Technical Division, Metabolomics Team *Jul 2012 – Aug 2012*

* Implemented statistical learning and bioinformatics techniques to analyze experimental data
* Proposed metabolic pathway mechanisms from carotenoid mass spectrometry data of the bacteria Deinococcus Radiodurans to analyze radiation resistance with implications for cancer research

**Additional**

**Tutor:** Math, Computer Science, Biology, Macroeconomics, SAT Math and English

**Clubs:** Columbia Financial Investment Group, Community Kitchen Volunteer, Model United Nations

Women in Computer Science, Habitat for Humanity, Columbia Quantitative Network

**Skills:** Matlab, R, Java, C, C++, Unix, SQL, MS Office;

some experience with: VBA, Perl, Ruby on Rails, CSS, PHP, SAS, STATA

**Languages:** Chinese (working knowledge), French (working knowledge), English (fluent)

**Interests:** Rock climbing, piano