

Résumé

Ryu Izawa

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WORK EXPERIENCE:

Paperless Inc., New York, NY USA

Jan 2018 – Present Day

E-Commerce Invitations Service, \$55 million raised

Data Analyst

- Analysis of product performance, site traffic, financial metrics and customer behaviors
- Data modeling for business intelligence, prioritizing cost efficiency and data richness
- Create and manage natural language processing utilities for understanding customer needs
- Conduct Bayesian A/B testing and analysis for the Marketing and Product teams
- Network graph analysis of registered accounts, focusing on network growth conditions
- Marketing attribution models through a combination of streaming and production data
- Design, build and manage the data pipelines for our Marketing team

BlueMountain Capital Management, LLC, New York, NY USA

Nov 2013 – Sep 2017

Diversified Alternative Asset Manager, \$22 billion AUM

Treasury Group, Portfolio Finance, Analyst

- Analyzed the determining factors of funding, collateral and financing costs for our multiple funds
- Wrote data management tools for the Treasury Group using C#, Python, SQL and R
- Deployed the firm's proprietary data management system to the Treasury Group
- Modeled the estimated revenue generated by each dealer in our funds for pricing negotiations
- Investigated the use of neural nets for capital allocation, using Python and TensorFlow

Deutsche Bank Securities, Inc., New York, NY USA

Jun 2009 – Nov 2013

Interest Rate Derivatives, Global Business Services, Associate

- Analysis and reporting of profit & loss, positions, risk, attribution, cash flows, market data and pricing
- Served as the Global Business Services liaison to the Federal Reserve regulatory projects team

Credit Suisse (USA) Inc., New York, NY USA

Jan 2006 – Jun 2009

Derivatives Support and Control, Equity Derivative Documentation, Senior Analyst

- Led the Equity Derivative Documentation team, covering Corporate Financing, Monetization and Private Clients
- Designed and built the firm's only prime-number based document generation system

Mercer Human Resource Consulting, Denver, CO USA

Jun 2005 – Aug 2005

Health Benefits, Intern

- Analysis of proposals for Health and Benefits plans for corporate Clients
- Coordinated insurer proposals and analyzed competing bids for Client excess-loss insurance

EDUCATION:

University of Colorado, Boulder, CO USA

Graduated 2004

B.A. Mathematics

- Courses in Numerical Analysis, Probability, Combinatorics, Differential Equations, Set Theory, Coding and Cryptography
- Extracurricular collaboration with H5NI interactive mapping project (Andrew Hill, University of Colorado, USA)

TECHNICAL EXPERIENCE AND ABILITIES:

- C++/#, Python, R, SQL, GCP, AWS, Scikit-learn, Looker, DBT, Open Bloomberg, Neo4j, Carto, VBA, et al
- Fluency in English, strong command of Spanish and Japanese

ACTIVITIES AND INTERESTS

- Pilot since age 17. Flights throughout the US, Canada and Argentina
- Celestial navigation, gardening, swimming