

Résumé

Ryu Izawa

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TECHNICAL EXPERIENCE AND ABILITIES:

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

EXPERIENCE:

Paperless Inc.

Jan 2018 – Jun 2020

E-Commerce Invitations Service, \$55 million raised

Data Analyst

- Analysis of product performance, site traffic, financial metrics and customer behaviors
- Data modeling, business intelligence, reporting and visualization for content and finance teams
- Conduct Bayesian A/B testing and analysis for Product Managers and Marketing
- Design, build and manage the ETL and data pipelines for our Marketing team
- Marketing attribution models through a combination of streaming and warehouse data
- Network graph analysis of registered accounts, focusing on network growth conditions
- Apply natural language processing toward understanding customer needs and usage

BlueMountain Capital Management, LLC

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
- 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.

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.

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

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

Graduated 2004

B.A. Mathematics

- Courses in Numerical Analysis, Probability, Combinatorics, Differential Equations, Set Theory, Coding and Cryptography
- Extracurricular collaboration with H5N1 interactive mapping project (Dr. A. Hill, University of Colorado, USA)

ACTIVITIES AND INTERESTS

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