

# 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*

- Analyze product performance, website traffic, financial metrics and customer behaviors
- Provide guidance on measuring growth as the analyst embedded with the Growth team
- Create and manage natural language processing utilities for understanding product usage
- Network graph analysis of registered accounts, focusing on network growth conditions
- Execute and analyze the Bayesian A/B testing for the Growth and Strategy teams
- Design, build and control 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 Department
- Modelled 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
- Designed and built databases to replace the team's obsolete data management practices

#### **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++, C#, Python, R, SQL, VBA, Open Bloomberg API, Looker, Neo4j, Cypher, Carto, DBAnalytics, et al

### ACTIVITIES AND INTERESTS

- Fluency in English, strong command of Spanish and Japanese
- Pilot since age 17. Flights throughout the US, Canada and Argentina