

Résumé

Ryu Izawa

Email izawaryu@gmail.com
Phone +1 303.817.2947
Website izawaryu.com

TECHNICAL EXPERIENCE AND ABILITIES:

- Python, SQL, R, C++, GCP (BigQuery), AWS (S3, RedShift), DBT, Looker, Neo4j, Carto, *inter alia*
- 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 site traffic, financial metrics, performance statistics and forecasting using regression analysis
- Data modeling, business intelligence, dashboards and visualization for Accounting and Finance teams
- Conduct Bayesian A/B testing and statistical analysis for Product Managers, Design and Marketing
- Requirement discovery, design, and implementation of scalable ETL projects for Marketing team
- Marketing attribution models through a combination of streaming and warehouse data
- Network graph analysis of registered accounts, focusing on audience growth conditions
- Apply machine learning toward understanding customer needs and demand forecasting

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
- Managed data ETL and relational databases for the Treasury Group using C#, Python, SQL, and R
- Financial models to estimate revenue generated by our dealers for pricing negotiations
- Researched the application of machine learning to 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 KPIs; profit & loss, positions, risk, attribution, cash flows, accounting, and pricing
- Liaison for the Global Business Services collaboration with the Federal Reserve regulatory 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 automated 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 with Dr. A. Hill

ACTIVITIES AND INTERESTS

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