

Curriculum Vitae

Ryu Izawa

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

EXPERIENCE

Paperless, Inc.

Jan 2018 – Present

Data Analyst, Data Team

Ryu works with the Data Team for Paperless Post, focusing on analyses of product performance and user behavior. He is responsible for modelling products, projecting performance, graphing user networks, conducting A/B testing and developing event and media classifiers. He provides guidance to the Growth team regarding the conditions of user network growth. For understanding site traffic, he provides analytic tools to visualize traffic flows. Ryu creates user models for use in Monte Carlo simulations of site traffic. Changes to the site can then be tested prior to deployment. He designed the data schema for the Marketing team and worked with the Data Engineers to implement the pipelines. He is currently testing machine learning tools for classifying customer usage of our products.

BlueMountain Capital Management, LLC

Nov 2013 – Sep 2017

Treasury Group, Portfolio Finance

Ryu worked with the Treasury Group at BlueMountain Capital Management, LLC. His primary responsibility was the analysis of funding, collateral and financing costs and optimizing capital allocation. He managed his team's data processes and ensured compliance with the rest of the firm's data policies. His work on the data management systems freed the Treasury Group members to focus on their analyses. Ryu also investigated the use of neural nets in optimizing capital allocation.

Deutsche Bank Securities, Inc.

Jun 2009 – Nov 2013

Interest Rate Derivatives, Global Business Services

Ryu worked with the Interest Rate Derivatives Middle Office team, where he analyzed and reported profit and loss, positions, risk, attribution, cash flows and market data. Within his group, he was responsible for modernizing the data management systems. He replaced obsolete data practices with robust databases and procedures.

Credit Suisse (USA) Inc.

Jan 2006 – Jun 2009

Derivatives Support and Control, Documentation

Ryu led the Equity Derivative Documentation team, covering the Corporate Financing, Monetization and Private Client businesses. He represented the team in work with the Legal and IT departments. He wrote the library of documentation drafting tools for the Americas, prior to which trade documents were unstandardized and drafted manually. While working with the Private Client business, he applied the unique prime factorization theorem to develop a legal agreement engine. This cut the documentation time for Private Client transactions from two days to two hours.

EDUCATION

University of Colorado

Graduated 2004

Mathematics B.A.

Ryu received his B.A. in mathematics. His coursework covered Probability, Combinatorics, Coding and Cryptography, Set Theory, Numerical Analysis and Differential Equations, along with several computer science courses. In addition to this curriculum, he collaborated with researchers in areas of interest, including discussions on Positional Astronomy with Fiona Vincent, University of St. Andrews, Scotland and an interactive H5N1 mapping project with Dr. Andrew Hill.