

Résumé

Ryu Izawa

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TECHNICAL ABILITIES:

LookML, GCP, Python, SQL, R, C++, DBT, AWS, et al.

EXPERIENCE:

Experis, formerly NTT Data Services

Sep 2020 – Present

Cloud Business Analyst TVC

- Plan and conduct data migrations into Concord for the transition from Meta to Cloudmeta
- Support Meta's legacy ETLs and build new critical ETLs (Zendesk, GitHub, etc.) during transition
- Implement, troubleshoot and further develop Meta's PII protection schema for PWG
- Meta models graphing project, for inheritance tracking and debugging Liquid/PDT conflicts
- Automation of Cloudmeta use-case provisioning in Ganpati, Sphinx, Gerrit, etc.

Paperless Post

Jan 2018 – Jun 2020

Data Analyst

- Data modeling, business intelligence, dashboards, and visualization through administration of LookML in Looker
- Analysis of site traffic, financial metrics, performance statistics and forecasting using regression analysis
- Conduct Bayesian A/B testing and statistical analysis for Product Managers, Design and Marketing
- Network graph analysis of registered accounts using Neo4j to uncover market growth conditions
- Applied machine learning toward understanding customer needs and demand forecasting

BlueMountain Capital Management, LLC

Nov 2013 – Sep 2017

Portfolio Finance Analyst

- Analyzed the determining factors of funding, collateral, and financing costs for our multiple funds
- Created databases, ETL pipelines and analytics 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

Associate, GBS Interest Rate Derivatives

- 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

Senior Analyst, Derivatives Support and Control

- Led Equity Derivative Documentation, automating 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

Intern, Health Benefits

- 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 & Cryptography
- Extracurricular collaboration on H5N1 interactive mapping project with Dr. A. Hill

ACTIVITIES AND INTERESTS:

Flying, Celestial Navigation, Gardening, Swimming