

# Ryu Izawa

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## TECHNICAL ABILITIES:

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

## EXPERIENCE:

### Google

May 2022 – Present

*Product Analyst, Customer and Product Insights*

- Data analytics and engineering for outbound product management of Google Cloud BI

### NTT Data Services

Sep 2020 – May 2022

*Cloud Business Analyst TVC*

- Implement the transition of Looker internal data models to their post-acquisition state
- Migrate Looker's internal data stack into the Google Cloud Platform environment
- Automate the use-case provisioning for new Google team Looker instances
- Implement the PII protection schema for Looker internal instances

### 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*

- Analysis of the determining factors for 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 collateral 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 H5NI interactive mapping project with Dr. A. Hill

## ACTIVITIES AND INTERESTS:

Flying, Celestial Navigation, Gardening, Swimming