

## EDUCATION

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**University of Washington, Seattle, WA** – Bachelor of Arts, Mathematics

2013-2017

- Focus in Statistics and Computer Science

## EXPERIENCE

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### **Square - Analyst**

September 2021 - Present

- Partner across a variety of teams including account management, machine learning, business, and product teams to shape the long term strategy and improve decision making across the account management organization.
- Develop and maintain scalable ETL pipelines to create core datasets in Snowflake and Airflow.
- Create tools, features, reports, and metrics using Python and Looker to empower self-service data access, augment intelligence, and increase efficiency.
- Adapt data and tooling for localized use-cases to accommodate the organization's international presence.
- Communicate and present analyses and decisions to stakeholders and executives.
- Perform root cause analysis to understand the drivers of metrics and propose actionable solutions.

### **Helm - Product Analyst**

December 2020 - August 2021

- Work cross-functionally across research, product, data science, and engineering to shape product strategy by analyzing product usage data and defining metrics and KPIs to track, measure, and analyze product performance.
- Create dashboards in Mixpanel for ad-hoc and long term product analytics requests.
- Write SQL queries in Redshift/Athena/Snowflake to produce ad-hoc and automated reports.
- Use DBT (Data Build Tool) to design ELT pipelines for core analytics tables.
- Add to the internal data science library by writing Python scripts to automate rote tasks.
- Build interfaces in Dash to create interactive visualizations and applications.

### **Quantifind – Analyst**

July 2018 – September 2020

#### PRODUCT TEAM

- Consult and present insights to C-level and VP-level decision makers, as well as technical and non-technical audiences at major Fortune 500 brands.
- Translate client feedback into JIRA tickets for the Data Science team using Agile.
- Worked cross-functionally across Client Services, Data Science, Engineering, and Product teams to iterate on scalable client solutions.
- Analyze usage data in R to provide recommendations and updates on feature and product use.

#### DATA SCIENCE TEAM

- Use R and SQL to query data and develop ad-hoc and automated analyses and analytics on financial and social data.
- Clean, wrangle, restructure large datasets and perform EDA in R to answer business questions and develop metrics to track consumer health.
- Data analysis on unstructured text data to identify patterns and anomalies to improve search confidence results and link accuracy.

- Analyze data through Quantifind's internal dashboard product in order to communicate data driven stories to answer key business questions.
- Create dashboards and automated reports to provide regular updates on key metrics of interest.

**Roku – Product Manager Intern**

December 2017 – February 2018

- Worked cross functionally with UX/UI, Engineering, Product, and Marketing teams to manage voice initiatives for Roku products.
- Developed Product Required Guides to plan, document, and conceptualize voice features and respective interactions.
- Data analysis of feature and product performance through report construction using SQL, Tableau, and R.
- Analyzed market and competition to make strategic product recommendations that addressed opportunities.

**SKILLS**

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**Programming:** R (data.table, ggplot, etc.), Python, SQL, Java**Tools:** JIRA (Agile), GitHub, Git, Confluence, Mixpanel, Snowflake, DBT, Jupyter Notebooks, Dash, Looker, Airflow**Techniques:** Linear Regression, Logistic Regression, Random Forest, XGBoost, PCA, KNN, K-Means**PROJECTS**

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- Used Logistic Regression, Random Forest, and XGBoost to predict whether or not baseball batters would swing at a pitch.