

JULIA ALLEN

Google Data Scientist

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☎ (123) 456-7890

📍 Seattle, WA

🌐 [LinkedIn](#)

🐙 [Github](#)

EDUCATION

Master of Science

Data Science

University of Washington

📅 2013 - 2016

📍 Seattle, WA

Master of Science

Data Science

University of Washington

📅 2009 - 2013

📍 Seattle, WA

SKILLS

- R
- NumPy
- TensorFlow
- Spark
- GCP
- PostgreSQL
- Amazon Redshift
- GitHub
- SpaCy
- Apache Kafka

WORK EXPERIENCE

Google Data Scientist

Google LLC

📅 2021 - current

📍 Seattle, WA

- Conducted performance analysis on mobile apps using R, leading to optimizations that expedited app loading times by 3 seconds.
- Enhanced predictive modeling for Google AdWords with NumPy, boosting ad performance metrics by 24%.
- Tested machine learning models on GCP, **improving system performance by 17%** as per model inference speed and accuracy.
- Deployed SpaCy models for event detection in news articles, achieving a 96% precision rate and increasing Google News' coverage of breaking events.

Data Analyst

Nordstrom

📅 2018 - 2021

📍 Seattle, WA

- Built anomaly detection algorithms in PostgreSQL to identify and mitigate abnormal sales transactions, slashing fraud incidents by 18%.
- Maintained a customer segmentation model using clustering algorithms, contributing to a 37% uplift in customer engagement.
- Implemented data validation checks and data quality assessments in Amazon Redshift, lowering data errors by 52%.
- Developed Apache Kafka Streams applications for real-time data processing, **accelerating processing throughput by 19%**.

Junior Data Analyst

Zillow Group

📅 2016 - 2018

📍 Seattle, WA

- Assisted in developing a recommendation engine using collaborative filtering techniques, gaining a 22% rise in user interaction with recommended listings.
- Integrated GitHub project boards for project management, resulting in a 36% uptick in task completion rates.
- Used TensorFlow neural networks for image classification of property listings, **cutting down model inference time by 1.7 seconds**.
- Automated the data validation process with custom Spark applications, reducing manual effort by 23 hours every week.