

Jacob Rozran

DATA SCIENTIST/DATA ANALYST/DATA ENGINEER

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Skills

DATA SCIENCE

- Tree-based machine learning, bootstrap sampling, forecasting, feature creation, process automation, regression analysis, data visualization, advanced analytics

APPLICATIONS

- RStudio, Jupyter Notebooks, Excel, Tableau, Splunk

LANGUAGES

- R, Python, Bash, SAS

DATABASES

- Hive/Impala (Hadoop), MySQL, Oracle, MongoDB, Neo4J, Teradata

Experience

Comcast

Philadelphia, PA

MANAGER OF DATA ANALYTICS

Mar 2017 - Present

- Lead and manage the data analytics and engineering team for Xfinity Mobile Credit Risk Management, including hiring and training of staff analysts and engineers, collaborating with and providing analysis for stakeholders, and tracking and prioritizing all team tasking.
- Designed and built a fraud decision making tool that combines custom feature creation, statistical and business rules, and predictive models built in R, Python, and Bash, which, in large part, is responsible for a decrease in month-over-month fraud losses by 92% in 2018.
- Forecast involuntary churn (both bad debt and unit loss) for the organization on the numerous segments of our customer base.
- Built and maintain numerous Tableau and Splunk dashboards representing fraud and credit to the organization.
- Provide coaching, leadership, and mentorship to all analysts on the Xfinity Mobile Risk Management team.

Comcast

Philadelphia, PA

SENIOR DATA ANALYST

Sep 2014 - Mar 2017

- Designed and built predictive models, which improved compromised user account detection times and discovery accuracy, for the Internet Services Engineering Analytics team – this work was presented internally along with several internal blog posts about the effort.
- Used statistical methods to discover and automate the detection of anomalies.
- Created forecasts of user base growth and project completion.

Comcast

Philadelphia, PA

PROJECT MANAGER

Sep 2014 - Mar 2017

- Served as a Project Manager and ScrumMaster for the Messaging Application Engineering (MAE) team, responsible for Residential Voicemail and Email Engineering teams.
- Obtained my Project Management Professional (PMP) and Certified ScrumMaster (CSM) certifications during my tenure as PM for the Messaging team.

Booz Allen Hamilton

Rockville, MD

IMPLEMENTATION MANAGER

Nov 2010 - Apr 2013

- Served as the Implementation Manager and Site Administrator for the National Children's Study (NCS) Portal, a Microsoft SharePoint 2010 web application, the NCS Application Homepage, and NCS Password Self Service.

Booz Allen Hamilton

Lexington Park, MD

FINANCIAL ANALYST/PROJECT MANAGER

Nov 2009 - Oct 2010

- Developed a financial tracking system for client, which allowed key stakeholders to view current and projected funding over the lifetime of the contract.

Education

Villanova University

Villanova, PA

MS, APPLIED STATISTICS

2015 - 2017

Drexel University

Philadelphia, PA

BS, BUSINESS & ENGINEERING

2004 - 2009