

Jacob Rozran

DATA PROFESSIONAL

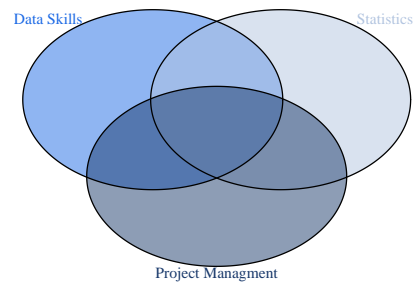
1400 Maryland Ave. Havertown, PA 19083

☎ (410) 231-9371 | ✉ jacob.rozran@gmail.com | 🌐 www.jakelearnsdatascience.com

Summary

I am a data professional who has real-world experience putting data products into production. I am curious and constantly learning and improving - staying up to date with trends in all facets of the data science lifecycle.

I love to learn in general, but mostly I am a data fanatic. I love reading, writing, and learning about all things data science, analysis, and visualizations. Give me data and I will provide insight.



Data Science Skills

METHODS	APPLICATIONS	LANGUAGES	DATABASES
Machine Learning	RStudio	R	Hive/Impala (Hadoop)
Feature Creation	Jupyter Notebooks	Python	MySQL
Process Automation	Tableau	Bash	Oracle
Regression Analysis	Splunk	SAS	MongoDB
Data Visualization	Excel		Neo4J

Experience

Xfinity Mobile Risk Management (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.

Internet Services Engineering (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 – 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.
- Maintained and monitored KPIs for multiple application teams within the organization.

Messaging Application Engineering (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.
- Instituted and evangelized Scrum on both the email and voicemail teams, migrating from a hybrid of waterfall and Kanban, which led to higher team productivity, better communication across teams from development through deployment to production, and improved interaction with our product owners.
- Managed the scheduling and owned the priorities for multiple work streams and teams.

Experience (Continued)

NCS Main Study Information Management Systems Project (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.
- Developed a configuration change process for the NCS Portal that streamlined the enhancement process for the site and provided the client with quicker updates while still meeting contractual and firm guidelines.

NAVAIR RIS Project (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.
- Tracked current funding for multiple engineers and monitored the expenditures of funds on their contracts, which ensured that projects remained on budget.

Volunteer

Montgomery County Public Defender

Norristown, PA

DATA ANALYST

May 2016 - Jun 2017

- Assisted Montgomery County Public Defender to define an analytics strategy to support competitive salaries and fair defence for all Montgomery County residents.
- Created, built, and maintained advanced analysis.

Education

Villanova University

Villanova, PA

MASTERS OF SCIENCE - APPLIED STATISTICS

2015 - 2017

- Completed my program while working full time

Drexel University

Philadelphia, PA

BACHELORS OF SCIENCE - BUSINESS & ENGINEERING

2004 - 2009

- Drexel Representative for Student Lobbying Day in Harrisburg, PA, 2009
- Drexel University Traditions Council Treasurer, 2007 - 2009
- Dean's List, 2006, 2008
- Drexel Representative to Colonial Athletic Association's Student Athlete Advisory Committee, 2006
- Drexel University Varsity Soccer Player, 2004 - 2006