Arpa Mukherjee

Chicago, IL

SUMMARY

Interested in analytics development and product strategy, with relevant 4+ years experience in finance and ad tech. Postgraduate education in data science and machine learning. Study and work abroad experience in Paris, France.

EXPERIENCE

Balyasny Asset Management   Chicago, IL
Oct 2018 – present   ***Quantitative Associate, Analytics, Equity Research Tech***
[C#, Python, SQL Server, Active Batch, Tableau; Windows OS]

- Develop portfolio, risk, and performance analytics for the equities business of the firm.
- Analytics can include displaying and alerting to factor risk around portfolio construction; performance insights at a portfolio group, portfolio, and position level; research around earnings; with my role primarily entailing:
    - New feature development and design, testing, and process improvement of the analytics infrastructure – implemented into production within the agile framework.
    - Tech support of the existing platforms and reporting for consumers, typically risk management and investment teams.

Conversant   Chicago, IL
Apr 2016 – Aug 2016   ***Analytics Systems Developer, Analytics Operations***
Oct 2014 – Apr 2016   ***Associate Analyst, Analytics Operations***
[PL/PostgreSQL, Tableau; Windows OS]

- Designed and implemented new location-based marketing analytics for their identity platform product from the ground-up:
    - Researched, validated and coordinated external solutions to meet feature requirements.
    - Determined technical requirements, wrote corresponding user stories, and developed prototype algorithm.
    - Presented initial data architecture and regular monthly updates to senior executives; collaborated with analytics, engineering, and product teams, for its implementation into production.
    - Interest in the new capability at launch brought 5MM+ in revenue from Fortune 50 clients.
- Created reports and dashboards to analyze campaign performance and model incremental ROI for analytics clients.
- Trained and mentored analysts on analytics projects and in-house technology.

Centro   Chicago, IL
Jul 2013 – Oct 2014   ***Business Analyst, Data Operations***
[PostgreSQL, R, Pentaho; MacOS]

- Collaborated with internal stakeholders to identify actionable digital marketing KPIs and create automated dashboards, financial reports and emails to inform business strategy.
- Analyzed reporting metrics to support campaign optimization research in data science group.

EDUCATION

Jun 2013	**Northwestern University** BA, Statistics	Evanston, United States
May 2018	**École Polytechnique, Université Paris-Saclay** MS, Applied Mathematics - M2 Data Sciences	Paris, France

COMPETENCIES

Technical: Python, C#, SQL, R, HTML/CSS, Git |ActiveBatch Scheduler, Tableau, Alteryx, Microsoft Office | Agile, JIRA
Languages: French
- Certified B1-level proficiency, TCF 11/2015.
- Working proficiency, six-month internship with French tech startup in Neuilly-sur-Seine.