

PRIYANKA GROVER

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EDUCATION

Brandeis University, Waltham, MA

M.S. in Computer Science, May 2018

Related Coursework: Software Entrepreneurship, Software Engineering for Scalability, Marketing Analytics, Scientific Data Processing in Matlab, Mobile App Development

University of Delhi (DU), Delhi, India

B.Sc. in Statistics, 2012

Related Coursework: Probability Theory, Applied Statistics, Operational Research, Econometrics, SPSS, C/Fortran

SKILLS

- Ruby, Java, C, C++, Sinatra, SQL, HTML, R, Python
- MATLAB, SPSS, Tableau, Alteryx, Google Analytics, Next Analytics, Qualtrics, Blender
- Android application development
- Languages: English, Hindi, German, Punjabi

WORK EXPERIENCE

Brandeis University, Waltham, MA

- **Teaching Assistant for Software Entrepreneurship** (Fall 2017); Assisted students in applying Lean Startup principles to their own startup projects; Mentored student projects and assessed their progress
- **Operations Coordinator for Brandeis Precollege Programs** (Summer 2017): Collaborated with senior leadership to develop a crisis communications plan ensuring smooth upkeep and maintenance of data on student applications internally while maintaining the websites in Cascade CMS; Served as a direct liaison between parents, students, faculty and support staff
- Developed a predictive model in Matlab for a hit song based on the chord progression from past hits.
- Worked on development of an Android app with City of Boston to improve the conditions of sidewalks and make Boston more accessible for people with disabilities.

Bain & Company, Gurgaon, India

Analytics and Reporting Intern, Product, Practice & Knowledge (PPK), Summer 2016

- Highlighted low feature usage accounts with a risk of attrition analyzing adoption and feature usage data, leveraged multivariate ranking algorithms in R and created standardized monthly reporting in tableau. The project led to an adoption growth of 33.4% for 30% of the consistently declining accounts highlighted.
- Performed white space analysis to highlight high shelf ware accounts and provided data intelligence support to senior management to launch campaign. The result was a 44.6% adoption growth in accounts. Tools: sql, python (numPy, pandas), tableau

Kantar IMRB, Delhi, India

Project Consultant (Contract), November 2015 – February 2016

- Quantitative researcher in a leading Life Sciences firm's diagnostic study. Assisted in developing directed insights and integrate past researches for the client leading to Product Release; Handled Operations: Ensured timely execution of the research tools at the field while ensuring minimal deviance.

Ernst & Young, Gurgaon, India

Associate Analyst, August 2013 – July 2015

- Streamlined processes including standardizing an internal knowledge reporting process by automating manual tasks through Excel, saving 1560 man-hours per annum earning the Six Sigma certification
- Content Management Subject Matter Expert for existing sectors/services developing user manuals
- Key Performance Indicators: Assisted in developing standardized data driven metrics, data extraction and KPIs reporting processes for a global team of 80; Delivered periodic project and team performance dashboards with strategic and actionable insights for executive management