

# DATLA MANISH VARMA

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Software engineer by trade, product manager by passion, 10-time hackathon winner building software products across multiple domains. I am a software management student at Carnegie Mellon University, seeking product management internship for Summer2019.

## PROFESSIONAL EXPERIENCE

- CMU - Emirates Innovation Lab** | Research Assistant | Mountain View, CA **Sep 2018 – Present**
- Project Manager with the applied machine learning team, working on modelling customer genome data using regression techniques to predict ticket sales.
  - Architecting a conversational interface for the sales team, by leveraging conversational BI.
- BlackRock** | Software Engineer | Gurgaon, India **Aug 2017 – Jul 2018**
- Led the automation efforts on tabular data extraction across 60k pdf's, saving 160 man hours per week and was also showcased in the Top 5 innovative products for the year.
  - Engineered and designed a client to consume real time portfolio performance data to be used by businesses and developer teams across EMEA and APAC regions.
  - Strategized and deployed a time series reporting tool to calculate portfolio risk by analyzing how much a portfolio might lose, given normal market conditions and specified time interval to production.
- BlackRock** | Software Engineer Intern | Gurgaon, India **Jan 2017 – Jul 2017**
- Developed batch processes for Excel dashboards that assisted the risk analysis teams in the US & UK, reducing about 90 man hours of work every month.
  - Analyzed and developed the risk target management system for risk and portfolio managers to manage portfolio risk for BlackRock and its clients.
- Open Data Research Institute** | Research Intern | New Delhi, India **May 2015 – Jul 2015**
- Researched the pharmaceutical open data sets in US & India, simultaneously interpreted and visualized the data to propose a theoretical 20% reduction in medication costs per individual per month in India. Was the only project chosen to be sponsored by Stanford Angels & Entrepreneurs India
- Apps2Eaze Tech India Pvt. Ltd.** | Business Research Analyst | Manipal, India **Aug 2013 – Apr 2014**
- Headed the social media team and graduated towards leading a 7 member product and services team on product outreach and client servicing. Successfully launched two products and worked with clients across India.

## EDUCATION

- Carnegie Mellon University** | MS in Software Management | Mountain View, CA **Aug 2018 – Dec 2019 (Expected)**
- Manipal Institute of Technology** | B Tech Computer Science | 3.61/4.00 | India **Aug 2013 – Jul 2017**

## HACKATHONS & AWARDS

- Winner "Most Original Use Case" BitClave Blockchain Developer Hackathon **2018**
- Winner BlackRock HCK:KNIGHT | Winner Unisys Cloud 20/20 Y8 **2017**
- Winner Microsoft Acad Accelerator | National Finalist Cisco Ideate Challenge **2016**
- National Finalist Microsoft Imagine Cup **2016**
- Winner Microsoft Code.fun.do Hackathon | Winner Honeywell TekUnite Hackathon **2015**
- National Finalist Unisys Project 7.0 | Finalist INK Makers Hackathon **2015**

## PUBLICATIONS & PATENT

- Author, "Bench Marking of Classification Algorithms: Decision Trees and Random Forests – A Case Study using R", IEEE Conference (10.1109/ITACT.2015.7492647) and IEEE Xplore.
- Author, "Data Mining Classification Techniques Applied to Analyze the Impact of Ambient Conditions on Aero Engine Performance", IEEE Conference (10.1109/ICECCT.2015.7226078) and IEEE Xplore.
- System and Method for Tracking Baggage. [Indian Patent Office App: 201621005683 (pending)]

## SKILLS

Programming: Java, Python, C, C++, HTML, CSS, JavaScript, VBA, SQL | Frameworks: Spring MVC, Hibernate, Flask | Tools: Git, JIRA