MANISH VARMA DATLA

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Seeking internship roles for Summer'19. MS in Software Management at Carnegie Mellon University, Silicon Valley. Possess hands-on experience in gathering user requirements, client interfacing and leading product development teams across organizations.

EDUCATION

Carnegie Mellon University | MS in Software Management | 3.92/4.00 | Mountain View, CA   *Aug 2018 – Dec 2019*
Project Manager – Feedleave.io (Connecting students and alumni) • Product Owner – Data Service (Expanding search engine capabilities)

Manipal Institute of Technology | B Tech Computer Science | 3.61/4.00 | India   *Aug 2013 – Jul 2017*
Leadership council – Google Student Team • President – Engineers Without Borders, Manipal • Head of Web Dev Team – Tech Tatva

PROFESSIONAL EXPERIENCE

CMU - Emirates Innovation Lab | Research Assistant, Product Manager | Mountain View, CA   *Aug 2018 – Present*
- Leading the product strategy and roadmap planning efforts on the development of a web-based alerting engine for the sales team.
- Generated alerting engine wireframes, deployed metrics and collaborated with UX and engineering leads to scope out and prioritize features for the sales agents.
- Designed and launched a conversational chatbot by mobilizing the efforts of the development team (4 engineers). The chatbot was successful in ensuring that the alerting workflow had reduced from 7-clicks to 2-clicks.

BlackRock | Software Engineer | Gurgaon, India   *Aug 2017 – Jul 2018*
- Led the automation efforts on tabular data extraction across 60k PDFs, saving 160-man hours per week and was also showcased in the Top 5 innovative products for the year from India.
- 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.
- Engineered and designed a web client to consume real time portfolio performance data used by business and developer teams across EMEA and APAC regions.

BlackRock | Software Engineer Intern | Gurgaon, India   *Jan 2017 – Jul 2017*
- Developed batch processes for Excel dashboards aiding risk analysis teams in US & UK, reducing 90-man hours of work monthly.
- 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 20% reduction in medication costs per individual per month in India. Finished as the only project chosen to be sponsored by investors from Stanford Angels & Entrepreneurs India.

Apps2Eaze Tech India Pvt. Ltd. | Head of Business Strategy | 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.

HACKATHONS & AWARDS

- **Winner** Blockchain Hackathon: Enterprise Ready | **Winner** "Original Use Case" BitClave Blockchain Dev 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

- System and Method for Tracking Baggage. [Indian Patent Office App: 201621005683 (pending)]   *2016*
- Author, "Bench Marking of Classification Algorithms: Decision Trees and Random Forests   *2015*
  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   *2015*
  on Aero Engine Performance", IEEE Conference (10.1109/ICECCT.2015.7226078) and IEEE Xplore

SKILLS

Technology: Java, Python, HTML, CSS, JavaScript, VBA, C, C++, Flask, Spring, Hibernate, Machine Learning, Data Science, Android and Mobile Development, REST APIs, Web Services, SQL, MongoDB, Oracle, Git, MS Office

Business: Product Planning and Design, Requirement Analysis, Product Strategy, Product Definition and Validation, Software Project Management, Cross Functional Team Management, Customer Research, Agile Methodologies, Data Analytics, UX Design, JIRA.