ABHISHEK MANI

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61A, 181 Claremont Ave, New York, NY 10027

EDUCATION

Columbia University   New York, NY
MS, Management Science & Engineering – Columbia Engineering & Columbia Business School   Jan 2021 – May 2022
Courses: Data Analytics, Probability & Statistics, Optimization Models, Operations Consulting

Vellore Institute of Technology   GPA: 3.97/4.0   Chennai, IN
BTech, Electronics and Communication Engineering   Jul 2014 – Apr 2018
Courses: Data Structures and Algorithms, Neural Networks and Fuzzy Logic

SKILLS & ADDITIONAL INFORMATION

Technical Skills: Python, SQL, Machine Learning, Data Mining, Shell Scripting, HTML, CSS, R, Git, JSON, XML, MATLAB
Python Packages: NumPy, Pandas, SciPy, Scikit-Learn, BeautifulSoup, NLTK
Data Visualization: Matplotlib, Seaborn, ggplot2, Plotly, Power BI, Tableau
Tool-Based Skills: Kanban, JIRA, Jenkins, Confluence
Certifications: Certified Scrum Master (CSM®), December 2019 – Completed with 100% score
Honors & Awards: Amadeus Futurize Hackathon Winner, 2018 and 2019

EXPERIENCE

Louis Vuitton   New York, NY
Data Science Consultant   Dec 2020 – Present
- Creating an end-to-end process to track non-sellable items in stores across North and Latin Americas
- Building a digital mapping and forecasting model to predict usage of non-sellable items
- Designing a Power BI dashboard and SQL database for supply chain managers to track key metrics

Fresh Direct   New York, NY
Operations and Analytics Consultant   Dec 2020 – Present
- Analyzing historical data to identify inaccuracies to reduce receiving errors by 10% and improve inbound process by $78k
- Utilizing machine learning algorithms to make actionable recommendations for optimizing the receiving process
- Creating a multilevel Power BI dashboard to track KPIs for inbound operations

Amadeus Labs   Bangalore, IN
Software Engineer   Jun 2018 – Nov 2020
- Used Excel analytics to provide statistical and graphical report for monitoring production issues
- Designed and documented development of internal tools to drive efficiency
- Collaborated with business line managers to prioritize technology request backlog in weekly sprints
- Owned backend lifecycle of two major automation projects which leveraged Python and MySQL
- Scrum Master for automation projects leading team of six and applied Agile methodologies
- Cut processing time by ~90% and achieved complete automation of processes

Software Engineering Intern   Jan 2018 – May 2018
- Developed Virtual Reality (VR) and Augmented Reality (AR) software development kit (SDK) using Unity Studio
- Integrated SDK with booking application using Android Studio to enable booking features
- AR SDK showcased in-flight menu card including multiple items

PROJECTS

Analysis of Variance Using 'R' Software   Jan 2016 – May 2016
- Led team of 5 to implement Analysis of Variance (ANOVA) using 'R' to differentiate treatment results

Image Compression Using Wavelet Transformation   Jan 2016 – May 2016
- Steered team of 3 in using MATLAB to compress images using wavelet transforms to store data efficiently
- Achieved 25% compression of images

LEADERSHIP AND INVOLVEMENT

Graduate Course Assistant, Columbia University   Jan 2021 – Present
- Course Assistant for Applied Financial Risk Management under Professor Allan M. Malz
- Responsible for grading assignments, liaison between students and professor