

# Rohan Waghere

413 Palisade Ave, Apt 2L, Jersey City, NJ, 07307 | 1-201-736-7531

[rohanwaghere@gmail.com](mailto:rohanwaghere@gmail.com) | [LinkedIn](#) | [Git hub](#)

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## EDUCATION:

<b>Stevens Institute of Technology</b>	Master of Science in Management Information Systems	3.5/4.0	<b>May 2020</b>
<b>MIT Academy of Engineering</b>	Bachelor of Engineering in Computer Engineering	3.8/4.0	<b>May 2013</b>

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## SKILLS:

**Programming Languages:** Python

**Databases:** Microsoft SQL Server, PostgreSQL, Access/Excel, Oracle10g, MySQL

**Data warehousing and BI tools:** Tableau, Power BI, Google Analytics

**Software:** MS Visio, Alteryx, Visio, Automation Anywhere, Appian, Bizagi, RapidMiner, UiPath, Signavio

**Certifications:** Automation Anywhere Bot Developer, Business Analyst, Business Process Analysis (PMI), Lean Six Sigma (PMI), Intro to Robotic Process Automation (RPA), Business Process Improvement, Big Data Fundamentals, Big Data Hadoop Fundamentals, Big Data Programming, Intermediate SQL, Tableau for Beginners

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## WORK EXPERIENCE:

**Stevens Institute of Technology** **Feb. 2020 – May 2020**  
**Business Process Analyst Intern** **Hoboken, NJ**

- Initiated project for process discovery to document existing AS-IS processes using BPMN notation in Visio
- Facilitated process workshops to elicit process and functional requirements with process owners and stakeholders
- Monitored, measured, and provided feedback on modelling and measuring business process performance
- Deployed a predictive machine learning model to predict employee attrition rate
- Researched and identified key performance indicators (KPIs) to support decision making for organizational strategy
- Developed, edited, audited, and maintained content for human resources section for Stevens website
- Designed and demonstrated POC for a chatbot using QnA Maker to convey benefits to employees and staff

**Stevens Institute of Technology** **Aug. 2018 – Feb. 2020**  
**Graduate Student Assistant** **Hoboken, NJ**

- Inspected business operations by managing and scheduling events by consolidating with shipments and work schedules
- Generated monthly billing reports to identify key under-billed providers, leading to an increase in revenue by 8%
- Analyzed inventory on selling trends to calculate and forecast economic order quantities to save costs by 30%
- Modified solutions by moderating requirements in a work-flowchart and diagram and studying system capabilities

**Stevens Institute of Technology** **Aug. 2019 – Dec. 2019**  
**Graduate Teaching Assistant** **Hoboken, NJ**

- Demonstrated a proof-of-concept (POC) for grading using Automation Anywhere Robotic Process Automation (RPA)
- Researched online courses, graded assignments and assisted concerns with coursework organizing class presentations

**Bank of New York Mellon** **Jul. 2013 - Aug. 2014**  
**Business Analyst** **Pune, MH**

- Constructed easy-to-understand user-stories to effectively communicate features for a trading and settlement product
  - Defined project requirements by identifying milestones, phases; forming project team; establishing project budget
  - Validated resource requirements with specifications and budgeted cost estimate using statistical models
  - Performed consolidation, and summarization by querying the database to retrieve data from a data warehouse
  - Prepared technical reports by collecting, analyzing, and summarizing information and trends
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## ACADEMIC PROJECTS:

### Web Mining of Drug Reviews for Market Analysis

- Scrapped patient reviews data from the WebMD website to implement market analysis and sentiment analysis
- Developed plots to showcase male and female sentiments based on satisfaction ratings for different age-groups
- Executed LDA topic modelling on reviews to look for mentioned side-effects of a drug and highlight competitor drugs

### Digital Innovation

- Created a visual data model incorporating aspect-based sentiment analysis and predictive analysis from user inputs
- Recommended release feature suggested by incorporating data visualization using Alteryx and Tableau story points

### Shoprite Marketing Analysis

- Calculated promotional effectiveness by clustering promotions on product-promotion scoring methodology
- Implemented logistic regression model to predict the probability for future product promotion strategies

### Stevens Shuttle 2.0

- Created and defined project scope for improving functionality for Stevens Shuttle System
- Developed a metric to calculate the overall satisfaction of the student by calculating Beneficiary Satisfaction Index (BSI)
- Created a work breakdown structure to organize deliverable-oriented breakdown of a project into smaller components