

## Kumar Kovid

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### OBJECTIVE

Industrious and teamwork-oriented data enthusiast **Available to work from Summer 2019**, with vision to help business succeed by implementing analytical solutions to complex business problems and improve the decision-making process.

### EDUCATION

**Stevens Institute of Technology, Hoboken, NJ**

**Expected May 2020**

**Master of Science in Information Systems**

**GPA:4.00**

Coursework: Web Mining (web scraping, text/data mining and NLP), Marketing Analytics, Project Management, Integrating IS Technologies, Financial Decision Making, Data and Knowledge Management

**University of Jammu, Jammu and Kashmir, India**

**July 2017**

Bachelor of Engineering in Electrical Engineering

### WORK EXPERIENCE

**Tata Consultancy Services (AON Hewitt), India, Assistant System Trainee**

**July 2017-August 2018**

- Conducted data modeling / cleansing, data mining, statistical analysis, data sourcing and report writing for projects
- Implemented **Machine learning** Algorithms after feature extraction, ensured accuracy / integrity across data sources
- Formulated a strategy using analytics to halt the fast employee attrition rate and decreased the attrition rate by 25 %
- Developed the ability to manage multiple projects working in fast-paced, time-bound and mission-critical atmosphere
- Ensure that project goals are accomplished and in line with business objectives through directing and coordinating the activities of project personnel and managing project timeline and budget
- Assisted in improving colleagues' verbal and writing skills as a **Business-Skills mentor** at the Learning Program

**Achievement:** Won Kudos award for showcasing a high level of professionalism with management and analyst skills

### ACADEMIC PROJECTS

**Anti Human-Trafficking System, Stevens Institute of Technology**

**Feb 2018-Present**

- Scraped cell number, location, time from spiteful Ad. websites, stored the data in RDF for inter-linkable capability
- Used knowledge graph to depict relations between NYPD crimes and target ads using cell number, time and location
- Adjudged as the **1st ranked** team (winner) in the bluehack hackathon sponsored by IBM and UN.

**Movie Review Sentiment Analysis, Stevens Institute of Technology**

**August 2018-September 2018**

- Scraped reviews from rotten-tomatoes, classified them as positive or negative based on stars and trained models on it
- Used various classifiers to predict the polarity and sentiment with **90% accuracy** by confidence among these methods

**Financial Stock and Risk Analysis, Stevens Institute of Technology**

**November 2018-January 2019**

- Web scraped data using **Python** from yahoo, formulated various Moving Averages and computed the maximum Risk
- Integrated Monte Carlo approach to simulate stocks in future and found **top 10** stocks to invest in short and long term

**Spam Detector, Stevens Institute of Technology**

**February 2019-March 2019**

- Scraped spam / ham mails from my own e-mail, did EDA and generated length of mail and contact details as features
- Implemented feature transformation, trained and optimized parameters using Random Forest and Gradient boosting
- Achieved an overall accuracy of **97.6 %**, recall rate of **84.5 %**, prediction time of **0.115 seconds** and precision of **90.8 %**

### TECHNICAL SKILLS

**Languages, Databases and Tools:** Python, SQL, Tableau, C++, Oracle 11g, MS Office, Google Analytics

**Certifications:** SQL by Stanford University, Python for Data Analysis and Visualization, NLP for Data Science with Python, Python for Data Science, The Data Science of Marketing, Advanced Google Analytics, Marketing research

### ACTIVITIES AND ACHIEVEMENTS

1. Coordinated a 5-member team to organize Techkriti2016, a program of Indian Institute of Technology, Kanpur(IIT-K)
2. The only winner of meritorious student award and sports player of the year at the same time during high school
3. Winner of table tennis, badminton and cricket tournament in intra-collegiate competition held at sports week
4. Participated in Boot-camps for Python, Machine Learning, SQL and SAS at Stevens Institute of Technology, Hoboken