Kumar Kovid

201-969-6646 | Jersey City, New Jersey | kkovid@stevens.edu

EDUCATION

Stevens Institute of Technology, Hoboken, NJ	**May 2020**

Master of Science in Information Systems, GPA 3.94

Coursework: Web Mining, Data and Knowledge Management, Marketing Analytics, Financial Decision Making, Integrating Information System Technologies, Information Technology Strategy, Project Management

University of Jammu, Jammu and Kashmir, India	**Jul 2017**

Bachelor of Engineering in Electrical Engineering

SKILLS

Tools: MS Excel | MS Access | Tableau | Power BI | Google Analytics | Informatica | MS PowerPoint | MS Word | Looker

Programming Languages and Libraries: Python | SAS | C++ | Pandas | Numpy | Scikit Learn | Matplotlib | Seaborn | Gensim

Databases and Web Technologies: My SQL | Postgres SQL | Oracle 11g | MS Access | AWS Redshift | HTML | CSS

Operating Systems and IDE: Windows | Mac | LINUX | Google Colaboratory | Jupyter Notebook | Spyder | MS Studio Code

Interpersonal Skills: Multi-tasking | Creative | Problem-Solver | Detail Oriented | Insight generation | Visualization

CERTIFICATIONS

Tableau Advanced Training, Udemy	**Feb 2020**
Excel 2016: Managing and Analyzing Data, LinkedIn Learning	**Mar 2019**
Python for Data Analysis and Visualization, Udemy	**Jan 2019**
SQL, Stanford University Online	**Nov 2018**

WORK EXPERIENCE

NYC Department of Finance, New York, NY

Data Analyst Fall Intern	**Sep 2019-Dec 2019**

- Analyzed property tax evasion cases with Director of Property Analytics Group and Senior Data Analyst across all the 5-boroughs of New York City using Water, Fire, Occupancy & Buildings data weekly, to improve case list by 20%
- Conducted ad-hoc, weekly & monthly quantitative analysis reporting using Excel VBA and Python by drawing Pivot Tables & Chart, reducing reporting time by 30 working hours
- Implemented Data extraction using SQL & data cleansing, modeling along with establishing and tracking KPIs
- Developed the reports of important projects for Assistant Commissioner of Property Valuation and Tax Mapping division
- Leveraged linear, logistic regression & analytical framework simulation models on complaints data to find fraudulent cases, decreasing assessment cost by 30%
- Managed multiple projects concurrently & gained the ability to work in a fast-paced & mission critical work environment
- Designed a model to extract historical building status report from textual data and then the latest status of each building

Data Analyst Summer Intern	**Jun 2019-Aug 2019**

- Designed a relational database and monitored it after standardizing data from MS Excel & SAS, shrinking errors by 40%
- Utilized Tableau skills to analyze & generate interactive Visualizations, Stories & Dashboards for stakeholders
- Collaborated with cross-functional teams on multiple projects to interpret, design & implement business requirements
- Ensured data quality control using date & time analysis of occurrence of events along with random manual checks

ACADEMIC PROJECTS

**Financial Stock and Risk Analysis, Stevens Institute of Technology	Python	Tableau**	**Oct 2019-Dec 2019**

- Synthesized web-scraped data from yahoo, formulated moving averages & computed maximum Value-at-Risk
- Incorporated Monte-Carlo method to simulate stock prices and found top stocks to invest for short & long terms

**Anti Human Trafficking System	SQL	Python	Won 1st place**	**Mar 2019-Apr 2019**

- Investigated cell number, location, time from spiteful websites, stored the data in RDF for inter-linkable capability
- Established knowledge graph to depict relations between NYPD crimes and target ads using cell number, time & location

**E-mail Spam Analyzer	Microsoft Excel	Predictive Analytics**	**Feb 2019-Apr 2019**

- Analyzed scraped mails from my email id, employed EDA and engineered length of mail and contact details as features
- Deployed optimization of parameters by Random Forest and Gradient boost classifiers after feature transformation

LEADERSHIP ACTIVITIES

Stevens Institute of Technology, Hoboken: Organized 2 events by supervising tasks to team partners for smooth execution

University of Jammu, Jammu: Collaborated with a 5 member team to successfully organize robotics workshop for IIT-Kanpur