**Snehika Pandey**[snehika4@gmail.com](mailto:snehika4@gmail.com) | +91 8800355793| [LinkedIn](https://www.linkedin.com/in/snehika-pandey/)

Highly team oriented and problem solver with bachelor’s degree in Comp Sci with 3+ years of experience including 1+ year of Data

Science Experience Seeking for the position of a Data based Product Oriented Role.

**Education:**

**MPS** **Data Science**, University of Maryland 2018- 2021

**B. Tech** **Computer Science**, APJ Abdul Kalam Technical University, India 2011-2015

**Skills:**

*Operating Systems:* Windows, MAC OS, Linux

*Library Used:* NumPy, Pandas, Matplotlib, Plotly, Scikit-Learn, IPYWidgets

*Database Management:* SQL, TSQL, SQLite

*Programming:* Python, MATLAB, R, HTML, Git, Latex

*Tools/Software:* IDApro, Ghidra, CA Nimsoft, Google Cloud Platform, Microsoft Azure HD, Tableau

**Projects:**

Capstone Project August 2021 – December 2021

• Investigate Particulate Matter 2.5 concentrations in the DMV area during the COVID-19 pandemic and predict the

trends over various spans of time proceeding the pandemic. Documenting the Data Analysis and Design on GitHub.

Data Driven WebApp January 2021 – May 2021

• Use of IPYWidgets, Plotly and Voila to Visualize Flight Cancellation Data and build a model to figure out the effect on

Covid-19 on Flights and used metrics to figure out the result.

Career Village Ranking Algorithm January 2019 – May 2019

• Ranking Algorithm on Career Village Dataset, to rank questions to Professionals.

Gibbs Sampling August 2018 – December 2018

• Topic Modeling-Implementation of Gibbs Sampler on Text Data(news20group) to understand the multivariate text

Processing.

Portuguese Bank Telemarketing August 2018 – December 2018

• Performed Data Analysis on Portuguese Bank Telemarketing Dataset (visualizing techniques to figure out the total

sales)

• Created and modified use cases, data flow diagrams, and ER diagrams according to sponsor feedback

**Work Experience:**

**Business Analyst,** Genpact (Research And Development) January 2018 – July 2018

• Conducted Product focused Business Research and Data Collection for the Organization.

• Assisted in Development of Factoring and Monitoring Tool using Django and Python

**Senior Analyst,** HCL Technologies Ltd (UPM Biofore) June 2015 – December 2017

• Performed Capturing Event and Alert generation using Probes of Nimsoft

• Performed Data Analysis and Data Visualization on the server Dataset using SAS and Excel

• Patch Scheduling and monitoring and Admin level controlling using Control-M Tools.

• Worked on Incident and Change Management

**Internship:**

**Business Analyst Intern,** Boston Scientific (Research and Development), Arden Hills May 2019 – August 2019

• Worked in a Scrum Team and involved in Business Decision of merging the Product Labelling and Content Management

System with the Product Labelling Model created workflows of SDLC.

• Presented PLCMS to different Businesses, as a quality tool for Labelling and Content Management.

• Business Test-Scripts Execution/Updating/Appending During Module Creation/Up-gradation.

• Developed Bot using Robotic Process Automation

**Academic-Experience:**

**Teaching Assistant (Graduate Assistantship), UMBC**

• Tutoring, Guidance and Grading the assignments, Lab, Quizzes and Exam August 2021 – December 2021

**Research Associate, Data Impact Lab, UMBC** August 2020 – December 2020

• Worked for the Lab in development of Interactive Visualization using Python, D3.js and Plotly Libraries

**Social-Work:**

Worked for an NGO to improve the life of under-privileged girl children.