

Sagar Limbu

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EDUCATION

Master of Information and Data Science
University of California Berkeley, CA

Expected: May 2023

Bachelor of Science in Computer Information Technology
California State University Northridge, CA

May 2021

EXPERIENCE

NASA Jet Propulsion Laboratory, Pasadena, CA
Data Analyst Intern

June 2021 – Present

- Perform data wrangling on netCDF files having more than 1+ million records
- Analyze and visualize the satellite scientific datasets using Python libraries like plotly, basemap, and matplotlib
- Maintain data pipeline on satellite datasets for data visualizations from several sources using Python's pandas, dask and pySpark

National Science Foundation Data Science Program, Northridge, CA
Data Science Intern

August 2020- May 2021

- Performed data-aggregation, data visualizations, and EDA on real-time unstructured data collected from different weather sensor devices
- Developed pipelines for forecasting models to detect patterns on selected features (temperature, biometric pressure, humidity, moisture)

Xperi, Calabasas, CA
QA Engineer Intern

April 2020 – September 2020

- Suggested and implemented QA process improvements resulting in quality software application
- Developed test plans and strategies based on system requirements
- Performed GUI testing

TECHNICAL SKILLS

- **OS:** Linux, Windows
- **Programming, Libraries:** Python, JavaScript, PySpark, Java, Bash, NumPy, Pandas, C++, HTML
- **Automation Tool:** Terraform, Ansible, Selenium, Beautiful Soup
- **Application, Framework:** Docker, Git, Jupyter Notebook, Apache Spark, MS Word, Excel
- **Database:** SQL, MySQL, MS Access

LICENSES & CERTIFICATIONS

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)

Issued July 2020 - Expires July 2023

Data Science Boot camp, CSUN, **National Science Foundation (NSF)**

July 2020 – August 2020