

# Adarsh Maurya

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## WORK EXPERIENCE - MU SIGMA INC

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### • LAP AUTOMATION

Bengaluru, Karnataka

October 2019 - Present

*Trainee Decision Scientist*

- Built an automated tool to take decision on credit line increase requests with zero manual intervention saving \$2M for the largest home retailer based out of USA
- **Role:** Led a team of 5 members and had hands on in all phases of development, including user requirements, design implementation and validation, modeling, and testing
- **Technologies:** Python, OpenCV, Image Processing, Tesseract
- **Industry:** Retail, Home Improvement

### • NATIVE ADS

Bengaluru, Karnataka

August 2018 - October 2019

*Trainee Decision Scientist*

- Provide analytical and monitoring support for the second largest search engine in the world by tracking and delivering payment reports for advertisers and publishers
- **Role:** Created an impact by automating daily and weekly payment reports thus saving 60+ hours of manual labour
- **Technologies:** Python, SQL
- **Industry:** Search Engine Marketing, Digital Marketing

## EDUCATION

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### • Dr. BR Ambedkar NIT Jalandhar

Jalandhar, Punjab

*Bachelor of Technology in Instrumentation and Control Engineering; CGPA: 6.76*

Aug 2014 – June 2018

### • Budha Dal Public School

*Non Medical; Percentage: 91%*

Patiala, Punjab

March 2013 – March 2014

## PROJECTS - GITHUB

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- **Wiki:** Open source python library for reading wikipedia articles straight through the terminal/command line
- **Easyvenv:** A lightweight alternative to Python's virtualenv to create, list and remove virtual environments
- **PySQL:** A python library to replace long and repetitive queries with functions to integrate the result of the query with other development projects
- **2Do:** A web based reminder app to manage and schedule daily tasks

## SKILLS

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- **Data Analysis & Visualisation:** Python, SQL, Pandas, Sklearn, Numpy, Matplotlib, Seaborn, PowerBI
- **Machine Learning:** Feature Selection, Hypothesis Testing, Regression, Classification, Decision Trees
- **Others:** Automation, Regular Expressions, Image Preprocessing, Machine Learning Pipeline, Django, GCP

## COURSES & CERTIFICATIONS

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- **Relevant Courses:** Operations Research, C, C++, Data Structures & Algorithms, Numerical Methods
- **Certifications:** Python; University of Michigan