Kaivalya Kishor Dixit

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EDUCATION

New Jersey Institute of Technology — December 2026
M.S. Data Science — *Current GPA: 4.0/4.0*

Mahindra Ecole Centrale — June 2023
B.Tech Electrical and Electronics Engineer 2023 — *GPA: 3.54/4.0*

COURSEWORK

Courses: Machine Learning, Introduction to Big Data, Python and Mathematics for Machine Learning, Linear Algebra, Deep Learning, Probability & Statistics

Awards: Matvy Consultancy Program and IIM Bangalore · Matvy Consultancy Program, Kaggle · Kaggle Machine Learning

SKILLS

Languages: Basic C, Python, Basic Java, JavaScript, HTML/CSS, LaTeX
Tools: Git/GitHub, Unix Shell, VS Code, IntelliJ, Vim, bash, Linux, AWS

Frameworks: React, Node.js, Flask, Material-UI
Libraries: pandas, NumPy, Matplotlib, ScikitLearn

EXPERIENCE

Pre-College Teaching Assistant | *Teaching Assistant* — July. 2024 – Aug 2024
Gained hands-on experience in educational support, child psychology and assisting students in understanding STEM concepts — and developing effective teaching strategies. I also enhanced my communication and leadership skills through classroom management.

Food Pantry | *Volunteer* — 2024 – Present
Volunteer at food pantry NJIT.

Centre for Pre-College Programs | *Volunteer* — 2024 – Present
Volunteered and managed 4 groups during an event hosted by CPCP NJIT.

Lifeisgiving.org | *Volunteer* — 2023 – 2024
Volunteered and managed a team of 10 for 2 months, collectively planted around 1000 trees in areas near Nashik, India.

Dassault Systems | *Data Analyst Intern* — Jan. 2023 – July. 2023
Final semester internship at Dassault Systems. Developed a data analysis dashboard for the Conversion Admin Service using Java to build a pipeline and in-house services to build the dashboard.

PROJECTS

AR Smart Helmet | *ESP32, APIs (Google Maps), Git, Unix Shell, VS Code* — Dec. 2022
- Team project for BTech final year.
- Designed and built an AR capable smart helmet with:
  * on screen navigation
  * on board diagnostics
  * accident detection
- using Bluetooth low-energy and local wifi hotspot.

CovUnite | *Git, Unix Shell, VS Code* — May 2023 – Present
- Developed a full-stack website to connect people with needs to NGOs, hospitals and people with resources.
- Worked with HTML, CSS, Bootstrap, JavaScript, Google Sheets API and Figma