# Aryan Varmora

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## 🎓 EDUCATION

**Fordham University,** *Master's in Computer Science*                    Aug 2024 – present | New York, U.S.A
I recieved merit based scholarship from the University along with a Graduate Assistantship.
**Current GPA:- 3.917**
**Course:-** Software Engineering, Data Visualization, NoSQL, Programming Languages, Data Mining, Cloud Computing

**SIlver Oak University,** *B.Tech in Computer Engineering*                    Sep 2020 – Jun 2024 | Ahmedabad, India
**CGPA:- 9.55 /10**
**Course:-** DBMS, Operating Systems, Artificial Intelligince and Machine Learning, Data Structure, Analysis and Design of Algorithm, Cyber Security, Computer Architecture & Microprocessor Programming, Network Technology & Peripherals, IOT, Compiler Design.

## 💼 PROFESSIONAL EXPERIENCE

**Fordham University,** *Graduate Assistant*                    Aug 2024 – present | New York, U.S.A
Conducting **computational neuroscience** research, focusing on image processing techniques using Python, OpenCV, and deep learning frameworks. Working on advanced pattern recognition and feature extraction methods to enhance data analysis and model performance

**Neev Infosoft,** *Intern*                    Sep 2022 – Feb 2024 | Ahmedabad, India
I was a intern at Neev Infosoft where majority of my tasks include, software testing, software developing. The programing technologies that were used were .NET Framework, C#, Mysql.

**IdeaBright Infotech Private Limited,** *Intern*                    May 2022 – Jun 2022 | Ahmedabad, India
Getting to know what is nopCommerce, what is the use of nopCommerce, how can we intergrate payment methods in nopCommerce.

## 📂 PROJECTS

**Image-Caption-Generator**                    present
Built a deep learning model using CNNs and LSTMs to generate accurate image captions by combining computer vision and NLP. Implemented in Python with TensorFlow and OpenCV, enabling real-time captioning for diverse applications.

**WildEye**                    present
Developed an AI-powered wildlife monitoring system that utilizes computer vision to detect and classify animal species in real time. Implemented deep learning models with TensorFlow and OpenCV for accurate species recognition, aiding conservation efforts through automated tracking and analysis.

**PrognosticEngine**                    Jan 2025
Designed and developed a Machine Learning system to predict outcomes based on user-defined inputs. Leveraged data preprocessing, feature selection, and predictive modeling to generate accurate insights. Implemented using Python and TensorFlow, integrating AI and statistical methods for real-world applications.

## 🧠 SKILLS

.NET Framework, MySQL, Software Testing, Computational Neural Science, Python, Data Analysis, Sentiment Analysis, C#, nopCommerce, Software Development, Image Processing, Java, Machine Learning

## 🧩 ACHIEVEMENTS

**Student Ambassador**
Graduated Student Ambassador for GSAS at Fordham University.