ARYAN DONDE
New York, 11209 • (862) 409 1296 •
aryandonde@gmail.com

EDUCATION

New York University – New York City   **Sept 2024 - Present**
Master of Science in Computer Science.

EXPERIENCE

NYU Infant Action Lab - New York, US   **Jan 2025 - Present**
Research Assistant
• Collaborate on computer vision research, enhancing data accuracy through machine learning.
• Build and optimise video data processing pipelines, achieving measurable improvements in efficiency.

Quick Heal Technologies Pvt Ltd – Pune, India.   **Feb 2024 - Aug 2024**
Data Science Intern
• Developed deepfake detection with 96% accuracy, enhancing security measures significantly.
• Created intrusion prevention systems achieving 97.33% accuracy, improving data protection.
• Built AI chatbot using Rasa NLU for offline deployment, streamlining user interactions.

Light de Literacy – New Dehli, India   **May 2023 - July 2023**
Web Developer Intern
• Created a full-stack attendance system integrating Google Sheets and AppScript, improving operational efficiency by 700%.

PROJECTS

Integrated Women's Safety Application   **Nov 2023 - May 2024**
• Developed a full-stack app with safe-route navigation, GPS tracking, and emergency response features. Enhanced user safety using geo-fencing and real-time reporting tools. Technologies: Python, Java, PyTorch, MongoDB, Node.js,

DeepFace : Deepfake detection   **Sept 2024 - Dec 2024**
• Built a privacy-focused website to detect deepfake audio and photos using machine learning. Achieved 96% accuracy in identifying manipulated media with trained deep learning models. Technologies: Django, TensorFlow, Docker, AWS.

Intrusion Detection and Prevention System   **April 2024 - July 2024**
• Designed a machine-learning-based network intrusion detection system achieving 97.33% accuracy. Improved cybersecurity by analyzing traffic patterns and mitigating threats in real time. Technologies: Tcpdump, YARA, cmake, OpenSSL.

SKILLS

Programming Skills: Python(Proficient), SQL(Proficient), JavaScipt(Proficient), HTML(Proficient), CSS(Proficient), R(Proficient), Java(Intermediate), Julia(Intermediate), Lisp(Intermediate), Haskell(Intermediate), Swift, AppScript(Intermediate), Matlab(Intermediate).
Technical Skills: PyTorch, Keras, Anomalib, NodeJS, ReactJS, Django, Git, Spring, Docker, AWS Lambda, AWS EC2, MySQL, PostgreSQL, Flask, REST-API, ExpressJS, Google Work Space, Excel, Tableau, MongoDB, Swift UI, OpenCV.
Soft Skills: Data Science, Natural Language Processing, Computer Vision, Ethical Hacking, Data Visualisation, UI/UX, Project Management, Data Analysis

Achievements

• 2nd place winner - CINTEL Coding Ninjas Hackathon
• Publications: Integrated Women's Safety Application - IEEE Xplore
• Volunteering - Suvidha Mahila Foundation, Lions Clubs Classic, Nagpur