

Roy Kurien

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GitHub Link: <https://github.com/RoyK2002/rock-paper-scissors-deep-learning.git>

London, ON

OBJECTIVE

A results-driven and passionate BCA graduate currently pursuing Postgraduate in Artificial Intelligence and Machine Learning. With more than 10 months of hands-on experience in cybersecurity and cloud computing. Adept at programming in Python, HTML, CSS, JavaScript, and SQL, with expertise in machine learning (CNN, YOLO), cybersecurity analysis, and cloud hosting. Proven track record of completing internships with leading organizations, where I gained practical experience in web development and machine learning technologies. Continuously seeking opportunities to expand my technical knowledge and stay updated with the latest trends in technology, with a focus on delivering innovative solutions in dynamic tech environments.

EDUCATION

Postgraduate in Artificial Intelligence and Machine Learning
Fanshawe College

2025 - Present
London, Ontario

Bachelor of Computer Applications (BCA)
St. Aloysius College (Autonomous)

2021 - 2023
Mangaluru, India

WORK EXPERIENCE

CYBER SECURITY ANALYST INTERN
ADAPTIVE CYBER LABS

July 2023 - April 2024
Trivandrum, India

- Monitored on DefenceScout platform built by Adaptive Cyber Labs to monitor and monitor security incidents from several servers associated with customer systems. Identified and notified a real-time real incident of malicious intrusion attempt by parsing unusual event IDs and checking against IP reputations; escalated the incident with an elaborate report in 10 minutes, which earned appreciation from senior analysts.

CLOUD COMPUTING INTERN
SKILLVERTEX

Oct 2021 – Nov 2021
Kochi, India

- Conducted a real cloud deployment project for the internship by putting up a virtual machine on AWS and hosting an up-and-running website on Amazon EC2. This involved server configuration, managing deployment stages through the AWS web console, and making the site accessible and stable. I got real-world experience in end-to-end cloud-based web hosting.

SKILLS

- Machine Learning & Python Tools - Built classification and regression models (Logistic Regression, Gradient Boosting, MLP, SVR, Lasso, Ridge, ElasticNet) for rain and humidity prediction using Python, Pandas, NumPy, and Scikit-learn in my Term 1 final project.
- Evaluation & Visualization- Assessed model performance using Accuracy, MSE, and MAE; visualized predictions and trends using Matplotlib and Power BI for clear reporting.
- **Soft Skills**- Demonstrated problem-solving, fast learning, and effective communication while executing and presenting the project independently.

CERTIFICATION

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|---|------|
| • Health And Safety Certificate from Fanshawe college | 2025 |
| • Certification in Data Science - NEXTGENPRO Innovations & Edupark Pvt. Ltd, Cochin | 2024 |
| • Data Analysis Foundation Course Certificate by Google through Coursera | 2024 |

VOLUNTEER WORK

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|---|------|
| • London Food Bank
Sorted and labeled bulk rice into small zip bags for organized distribution to individuals and families | 2025 |
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