

## Contact

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(LinkedIn)

## Top Skills

Optimization Techniques

Visualization

Hyperparameter Optimization

## Certifications

Neural Networks and Deep Learning

Structuring Machine Learning  
Projects

Improving Deep Neural Networks:  
Hyperparameter tuning,  
Regularization and Optimization

Machine Learning, ML

Convolutional Neural Networks

## Honors-Awards

Winner at Smart India Hackathon,  
2019

Best Outgoing Student

# Gauri Vaidya

Doctoral student | University of Limerick | CRT-AI | OxML 2023  
Limerick, County Limerick, Ireland

## Summary

As a driven Ph.D. candidate in AI at the University of Limerick, I excel in data analysis and deep learning optimization. My background in Computer Science and Engineering, combined with hands-on research experience and achievements in AI, positions me uniquely for roles requiring analytical prowess and technical innovation. I thrive in dynamic environments, leveraging my skills in Python, SQL, and various ML/DL libraries to solve complex problems. Open to opportunities where I can contribute to and grow with forward-thinking teams.

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## Experience

University of Limerick

Doctoral Student

October 2021 - Present (2 years 11 months)

Limerick, County Limerick, Ireland

Deep Learning | Grammatical Evolution | Machine Learning

Principal Global Services

Trainee Analyst

November 2020 - October 2021 (1 year)

Pune, Maharashtra, India

Engineered features boosting insurance framework efficiency by approximately 20% with Salesforce and Java.

Biocomputing and Developmental Systems Research Group,

University of Limerick

Research Intern

November 2019 - October 2021 (2 years)

Ireland

Collaboration with Intel, Ireland: (Funded under Science Foundation Ireland Grant #16/IA/4605)

- Worked with an international team in the design of a cryptographically secured pseudo-random number generator with grammatical evolution which resulted in one journal publication.

Collaboration with European Union's Horizon 2020: (Funded under the Marie Skłodowska-Curie Grant #754489)

- Worked with the team in the design of a knowledge graph-driven blockchain-powered data-sharing framework for healthcare which resulted in two journal publications and one poster paper.

## EC.MOBILITY

Data Engineer Intern

June 2018 - July 2018 (2 months)

Aurangabad Area, India

Excelled in semantic segmentation for autonomous driving, and leading quality assurance for team members' work.

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## Education

University of Limerick

Doctor of Philosophy - PhD, Artificial Intelligence · (October 2021 - October 2025)

Government College of Engineering Aurangabad

Bachelor of Engineering, Computer Science · (2016 - 2020)

S.B.E.S College of Science, Aurangabad

HSC · (2014 - 2016)

St. Xavier's School, Aurangabad

SSC · (2013 - 2014)