# Education

Amit Pathak

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## University of Strathclyde Glasgow, UK

MSc in Advanced Computer Science with Data Science Jan 2023 – Dec 2023

* Coursework: Machine Learning for Data Analytics*,* Deep Learning, Distributed Information Systems, Evolutionary Computation for Finance.
* Dissertation: Database Design Using Large Language Models (GPT-3).

## Jabalpur Engineering College Jabalpur, India

B. tech in Computer Science and Engineering July 2017 – Aug 2021

* Coursework: Discrete Mathematics, Data Structures and Algorithms, Python Programming, Operating Systems, RDBMS, Probability and Statistics.

# Experience

## Leadsquared (MarketXpander Services Pvt Ltd.) Bangalore, India Software Engineer Oct 2021- Dec 2022

* Worked on problem solving and extending product features to provide customized solution to other companies to help them increase their business with the help of Leadsquared’s CRM tool.
* Leveraged knowledge in Python, NodeJS, ReactJS, AWS, SQL, HTML, CSS, GitHub, Bitbucket Problem Solving, Teamwork.

# Technical Skills

**Machine Learning and AI**: Training models for regression and classifications by analyzing and manipulating data, Artificial Neural Networks (RNNs & LTSMs)

**Python**: Language Fundamentals, OOPs Concepts, Collections, Multi-threading, and Exception Handling.

**Python for Machine Learning:** Have descent understanding and hands on practice of libraries such as - Scikit-Learn, Keras, TensorFlow, Matplotlib, NumPy and Pandas to visualize data and train ML models.

**JavaScript:** Hands on experience with NodeJS.

**Data Structures & Algorithms:** Understanding and hands on practice of implementing various data structures and algorithms.

**DB:** Understanding of fundamental principles of Database Management Systems, MySQL, Big data tools and techniques, information retrieval, NoSQL.

# Additional Information

**Problem solving skill**: Have passion for solving interesting logical and analytical problems.

**Excellent Communications skills**: Worked with a team of 25 members (including engineering director, manager, and tech leads) on multiple tasks with sharp deadlines and delivered majority of tasks on time by having effective communication and teamwork Also participated in oral/written communications with multiple clients to understand their problems and provide effective personalized resolutions for same.

**Quick learner:** I strongly believe in not repeating the same mistake twice and try my best for same and always try to grasp as much as possible from every single authentic sources.

**Working out:** I like to work out and eat healthy to stay good physically and mentally, this also helps me in doing things in a better way.

# Awards

**National Interactive Mathematics Olympiad**: Secured an All-India Rank 01 out of 300K+ participants class 10th in Mathematics Olympiad conducted by Eduheal Foundation in 2015.