

LOVISH BATRA

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GitHub: <https://github.com/LovishTech>

Professional Summary

Motivated and detail-oriented computer programming student with a strong foundation in machine learning principles and practical experience in building and deploying models. Seeking an entry-level Machine Learning Engineer position where I can apply my skills in data analysis, model development, and problem-solving to create impactful solutions.

Education

- **Sault College of Applied Arts and Technology**
 - Diploma in Computer Programming
 - **Cumulative GPA:** 3.97/4
 - **Expected Graduation:** August 2025
 - **Relevant Coursework:** Data Structures and Algorithms, Database Management Systems, Python Programming, Software Engineering Principles
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Relevant Projects

- **Email Spam Detection System** | Python, Scikit-learn, TensorFlow
 - Developed a machine learning model to accurately classify emails as "spam" or "not spam."
 - Utilized techniques like TF-IDF (Term Frequency-Inverse Document Frequency) for feature engineering from text data.

- Trained and evaluated a classification model using machine learning and natural language processing (NLP) approaches.
 - Demonstrated an understanding of the end-to-end machine learning pipeline, from data preprocessing to model deployment.
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Technical Skills

- **Languages & Tools:** Python (Pandas, NumPy, Scikit-learn, Matplotlib), SQL, Excel
 - **Machine Learning:** Model Training, Data Preprocessing, Feature Engineering, Classification, Regression
 - **Database Management:** MySQL, Query Optimization, Database Normalization
 - **Visualization Tools:** Matplotlib, Seaborn, Excel Charts
 - **Tools & Platforms:** Git/GitHub, TensorFlow, Jupyter Notebooks, Google Colab
 - **Other:** Data Modeling, Report Generation, Problem-solving
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Certifications

- **Google IT Automation with Python** (Coursera): This certification teaches Python scripting for IT automation, version control with Git, and troubleshooting.
- **SQL** (Hacker Rank): Demonstrates a fundamental understanding of SQL for database operations, including writing queries, using aggregate functions, and performing joins.
- **SQL** (LinkedIn Learning): Provides a working knowledge of SQL for data reporting, analysis, and managing data from relational databases.
- **Cloud Computing** (LinkedIn Learning): Covers core cloud computing concepts, including SaaS, PaaS, and IaaS, as well as cloud architecture and governance.
- **Git and Version Control Basics** (LinkedIn Learning): Teaches the fundamentals of using Git, including the Git workflow, managing repositories, and using branches and commits.