

Leo Pitts

Entry Level Machine Learning Engineer

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SUMMARY

Motivated recent graduate with a Bachelor's degree in Computer Science and hands-on project experience in machine learning and data analysis. Developed practical solutions using programming skills in Java and Python, underpinned by solid foundations in statistics and data visualization. Contributed significantly to academic projects that utilized modern tools like Spring Boot and Docker while thriving in collaborative environments. Communicated complex data-driven insights clearly during presentations, earning recognition from peers and faculty. Eager to launch a successful career in the IT industry, bringing passion for technology and a commitment to lifelong learning.

EDUCATION

Bachelor of Science in Computer Science

University of Illinois 🎓 GPA: 3.6 📅 2026 📍 Champaign, IL

Coursework: Data Structures, Machine Learning, Statistics, Software Development

TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Machine Learning Tools:** TensorFlow, scikit-learn, PyTorch
- **Data Visualization Tools:** Tableau, Matplotlib
- **Web Development Frameworks:** Spring Boot, Flask
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Cloud Technologies:** AWS, Google Cloud Platform, Azure
- **Containers & Orchestration:** Docker, Kubernetes
- **APIs & Microservices:** RESTful APIs, SOAP
- **Version Control Systems:** Git, SVN
- **Statistical Analysis Tools:** SPSS, R, Excel

SKILLS

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|--------------------|----------------------|-------------|-------|
| • Java | • Data Visualization | • Docker | • Git |
| • Python | • Statistics | • REST APIs | |
| • Machine Learning | • Spring Boot | • Tableau | |

EXPERIENCE

Machine Learning Project Developer

University Project 📅 January 2026 - Present 📍 Chicago, IL

Led development of a predictive model focusing on data trend analysis through Python and machine learning algorithms, averaging over 85% accuracy. Oversaw teamwork in implementing a web application that visualizes data effectively using Tableau and JavaScript. Executed rigorous data cleaning and preprocessing techniques to optimize model efficiency. Presented results clearly to academic audiences, receiving commendations for thoroughness.

- Developed predictive models utilizing Python and machine learning techniques.
- Designed interactive web applications for showcasing analytical findings.
- Implemented robust data cleaning processes, ensuring high model reliability.
- Presented complex concepts succinctly to academic stakeholders.
- Collaborated using Git for an efficient and organized project workflow.

Data Science Research Assistant

Academic Research 📅 September 2025 - December 2025 📍 Chicago, IL

Engaged in advanced research focused on natural language processing improving input classification accuracy. Leveraged Python for training models, successfully increasing processing speed by 30%. Detailed methodologies and outcomes meticulously to contribute to comprehensive reports shared with faculty members. The discussions sparked in team meetings facilitated knowledge exchange among researchers.

- Contributed to cutting-edge NLP research aimed at boosting classification accuracy.
- Utilized Python libraries for streamlined data analysis and model refinement.
- Produced detailed documentation disseminating key research findings.
- Actively participated in progress reviews promoting insights and strategies.

- Mentored junior students in understanding statistical principles effectively.

Data Analyst Team Member

Hackathon Project 📅 June 2025 📍 Remote

Collaborated within a fast-paced hackathon environment, creating impactful data solutions for a local non-profit organization. Applied statistical methods via Python to extract actionable insights from community datasets, optimizing service delivery. Constructed a visually appealing dashboard to facilitate stakeholder decision-making using valuable data metrics. Secured recognition for innovation through compelling project presentation.

- Executed thorough data analysis providing meaningful insights.
- Built user-friendly dashboards catering to non-profit stakeholder needs.
- Effectively communicated data-driven conclusions during presentations.
- Enhanced collaboration skills while working under tight deadlines.
- Achieved recognition for innovative approaches and practical implications.

LEADERSHIP & AWARDS

- Dean's List, 2024
- First Place, University Hackathon, 2025

CERTIFICATIONS

- Data Science Professional Certificate 📅 2026
- Python for Everybody 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Data Science Club (2024 - Present)
- Volunteer Tutor, Computer Science Department (2025)

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST