

Andrew Shepard

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Objective

Innovative and driven professional with a passion for AI technologies and a solid foundation in software engineering, seeking an AI Engineer position to leverage technical skills and contribute to advanced AI projects.

Education

Master of Science in Computer Science

University of Washington, Seattle, WA
Graduated: May 2023

Bachelor of Science in Electrical Engineering

University of California, Berkeley, CA
Graduated: May 2020

Professional Experience

Software Engineer

Tech Innovations Inc., Seattle, WA
June 2023 - Present

- Developed and implemented machine learning algorithms for data analysis, improving prediction accuracy by 15%.
- Collaborated with cross-functional teams to design AI-driven solutions for customer support, reducing response time by 20%.
- Optimized existing codebase for efficiency and scalability, resulting in a 30% reduction in computational overhead.

AI Research Assistant

University of Washington, Seattle, WA
September 2022 - May 2023

- Conducted research on natural language processing, contributing to a published paper in a reputable AI journal.
- Assisted in the development of a chatbot using deep learning techniques, enhancing user engagement by 25%.
- Presented findings at the Annual AI Symposium, receiving positive feedback for innovative approach and analysis.

Intern - Data Analyst

Innovate Solutions Ltd., San Francisco, CA
June 2021 - August 2021

- Analyzed large datasets to uncover trends and insights, aiding in strategic decision-

making processes.

- Automated data processing tasks using Python, increasing productivity by 40%.
 - Collaborated with senior analysts to develop predictive models, improving forecast accuracy.
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Skills

- Proficient in Python, TensorFlow, and PyTorch
 - Strong understanding of machine learning algorithms and data structures
 - Experience with cloud platforms such as AWS and Azure
 - Excellent problem-solving and analytical skills
 - Effective communication and teamwork abilities
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Projects

- **AI-Powered Recommendation System:** Led a team to develop a recommendation system for e-commerce platforms, increasing user retention by 18%.
 - **Sentiment Analysis Tool:** Created a tool to analyze customer feedback for sentiment, providing actionable insights for product improvement.
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Certifications

- Certified Machine Learning Professional (CMLP)
 - AWS Certified Solutions Architect
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Professional Affiliations

- Member, Association for Computing Machinery (ACM)
 - Member, Institute of Electrical and Electronics Engineers (IEEE)
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References

Available upon request.