Optimized Resume

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EDUCATION **The University of Arizona, Tucson, AZ** BS-MS in Computer Science | GPA: 4.00 | Expected Graduation: May 2026 - **Relevant Coursework:** Software Development, Database Design, Machine Learning, Natural Language Processing, Software Engineering, Operating Systems, Data Structures & Algorithms - **Activities:** Director @ AI Club

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WORK EXPERIENCE

AI Core, ICDI, Tucson, AZ *AI Engineer* | May 2024 - Dec 2024 - Developed and managed LLM-powered applications and chatbots using LangChain, focusing on Retrieval Augmented Generation (RAG) and Agentic Architectures, enhancing AI performance for client needs. - Led a 4-week training bootcamp on CustomGPTs and WebAPI for 40 interns, fostering the next generation of AI practitioners. - Researched and implemented cutting-edge language models from Hugging Face to optimize AI accuracy and performance.

American Express GBT, Chicago, IL *Software Development Intern* | Summer 2023 - Integrated AI solutions into the Android app by implementing a Sustainability banner, showcasing CO2 emission data and following Egencia Design System conventions. - Developed API endpoints for data retrieval and enhanced app functionality utilizing Kotlin, Java, and REST APIs, ensuring high performance and usability.

University of Arizona, Tucson, AZ *Graduate Research Assistant* | Jan 2025 - Present - Conducting research on the logical reasoning capabilities of LLMs through controlled experiments and fine-tuning various language models to improve their reasoning accuracy.

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PROJECTS - **Intelligent Job Matching System:** Created a job matching system using Python and LangChain, embedding a Kaggle resume dataset for enhanced candidate-job matching using RAG frameworks. - **Hidden Markov Model Based POS Tagger:** Implemented a high-accuracy POS tagger (96% accuracy) utilizing Python and HMM algorithms, demonstrating proficiency in NLP techniques. - **Heart Attack Prediction Model:** Developed predictive models (KNN, Logistic Regression) from scratch to analyze health datasets, showcasing skills in machine learning and data analysis.

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CORE TECHNOLOGIES AND TECHNICAL SKILLS - **Programming Languages:** Python,

Java, Kotlin, R, C, HTML, CSS, JavaScript - **Frameworks and Tools:** LangChain, TensorFlow, PyTorch, scikit-learn, Docker, REST APIs, AWS, GitHub, Postman - **AI and Machine Learning:** Familiarity with LLMs, prompt engineering, RAG, data preprocessing, and model deployment - **Development Practices:** Agile methodologies, Scrum, CI/CD, version control (Git), documentation best practices

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ADDITIONAL SKILLS - Strong problem-solving abilities and results-oriented mindset for tackling real-world challenges. - Excellent communication skills for documenting findings and collaborating with cross-functional teams. - Effective time management and project coordination to ensure timely completion of tasks.

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References Available Upon Request