**AI Research Scientist (Focus on MCP & Claude)**

**Alex Morgan**  
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**Professional Summary**

AI Research Scientist with 5+ years of experience in developing and deploying large language models, specializing in Model Context Protocols (MCP) and alignment techniques. Skilled in applying AI safety methodologies and working with Anthropic’s Claude models to build reliable, scalable, and ethical AI systems.

**Skills**

* Large Language Models (LLMs) & Transformer architectures
* Model Context Protocol (MCP) design and implementation
* AI alignment & constitutional AI
* Python, PyTorch, TensorFlow
* Data preprocessing and prompt engineering
* Cloud computing (AWS, GCP)
* Research & technical writing

**Experience**

**AI Research Scientist**  
InnovateAI Labs — San Francisco, CA  
*June 2021 – Present*

* Designed and implemented Model Context Protocols for internal LLMs to ensure consistent context management across services.
* Collaborated with cross-functional teams to integrate Anthropic Claude API into customer-facing applications.
* Developed AI safety modules based on constitutional AI principles to reduce hallucinations and biased outputs.
* Published research on context-aware prompting strategies improving multi-turn dialogue coherence by 20%.

**Machine Learning Engineer**  
NextGen Tech — Remote

*Jan 2019 – May 2021*

* Developed NLP pipelines and fine-tuned transformer models for chatbot solutions.
* Automated prompt engineering workflows and context injection following MCP standards.
* Participated in building model monitoring dashboards for real-time evaluation and compliance checks.

**Education**

Master of Science in Computer Science (AI specialization)  
Stanford University — 2017 - 2019

Bachelor of Science in Computer Science  
University of Washington — 2013 - 2017