

Jesse Henson

Boulder, Colorado | <http://linkedin.com/in/jesse-h-47482a211>

SKILLS

- Python | Generative AI | Computer Vision | Docker | Azure | AWS | Data Engineering | Spark | Linux | React

EXPERIENCE

George Mason University, Fairfax, VA - AI Researcher | *Mar 2022 - January 2023*

- Designed, developed, and tested a deep fake mitigation strategy using deep learning image segmentation, computer vision, and cyber security techniques which provides value in the field of study around deep fake mitigation, specifically around local and state legal and political forces.

Revgen Partners, Denver, CO - AI Consultant | *Sept 2021 - PRESENT*

- Lead technical data solutions to cleanse, govern and analyze data for Fortune 100 telecom companies streamlining more than 70,000 circuits, which was instrumental in divesting legacy systems, allowing the company to innovate in far more advantageous technologies.
- Lead technical design and development of AWS hosted LLM based chatbot to give insights in near real time on coaching and monitoring both customers and representatives.
- Lead technical solution ideation, design, and implementation for an AI-based, NLP network visualization tool, which increases visibility and ideation in the areas of resource management, business innovation, and marketing segmentation.

StaffScapes, Inc, Westminster, CO - Data Analyst | *Nov 2015 - Sept 2021*

- Designed, prototyped, and tested an entire office of virtual workspaces using Azure AD, Azure servers, and Windows Virtual Desktop on Azure for an on-premise legacy Microsoft SQL-backed software.

EDUCATION

Colorado State University - Global Campus, Denver, CO - Master of Science in AI and Machine Learning | Jan 2021 - Jan 2022

CERTIFICATION

Azure Data Scientist Associate Certification

- Building, deploying, and productionizing machine learning pipelines using AzureML.

AWS ML Specialization Certification

- Understanding the services and ecosystem of ML in AWS. Building and productionizing a full ML solution in AWS Sagemaker and other periphery services.

SIDE PROJECTS:

Fully contained docker Generative AI solution

- This project include docker contained local LLM, a knowledge graph, a vector store, a retrieval augmented generation feedback loop, chat history and a cypher creation agent.
- This project is intended to exemplify a fully functional application that allows the user to store and retrieve information that might be pertinent to their question from their own documents.

Freelance Generative AI Solution

- Build a full fledged web application to give instance insights into freelance jobs relative to the users resume and preferences.