ELEANOR VANCE

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SUMMARY

Al Research Scientist and Deep Learning specialist with a Ph.D. in Artificial Intelligence from MIT. Developed an advanced conversational Al agent achieving a 20% improvement in user engagement, and built an explainable Al framework for medical diagnosis demonstrating 95% accuracy. Proficient in Python and TensorFlow, with expertise in NLP and deep learning models. Led research initiatives at Al Innovations Corp and contributed to impactful projects as a Research Intern. Certified Google Professional Cloud Architect, enabling the deployment of scalable Al solutions.

EXPERIENCE

Position: Lead Research Scientist

Company: Al Innovations Corp

Dates: July 2018 - Present

- Led the development of a novel NLP model that achieved state-of-the-art results on benchmark datasets.
- Secured \$2 million in research funding over the past three years.
- Mentored and guided five junior researchers who have since published their own work.

Position: Research Intern
Company: Research Intern

Dates: Summer 2017

EDUCATION

Degree: Ph.D. in Artificial Intelligence

Institution: Massachusetts Institute of Technology (MIT)

Dates:

Gpa:

SKILLSETS

Python TensorFlow PyTorch

Natural Language Processing (NLP) Machine Learning (ML) Deep Learning

Statistical Modeling

PROJECTS

Title: Advanced Conversational AI Agent

Description: Led the development of a sophisticated conversational AI agent capable of understanding and responding to complex natural language queries

Technologies: Python, Transformer Networks, TensorFlow, Cloud NLP Services

Title: Explainable AI Framework for Medical Diagnosis

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Description: Developed an AI framework that not only predicts medical diagnoses but also provides interpretable explanations for its decisions.

Technologies: Python, Explainable AI Libraries (e.g., SHAP, LIME), Medical Imaging Data

CERTIFICATIONS

Name: Google Professional Cloud Architect

Issuer: : Google Cloud

Date: March 2022

Name: DeepLearning.Al TensorFlow Developer Professional Certificate

Issuer: Coursera/DeepLearning.AI

Date: December 2020

ADDITIONAL

Title: Interests

Description: Quantum Computing, Ethical AI Development, Science Communication

Title: Awards

Description: MIT Presidential Fellowship, Google AI Research Excellence Award