

Contact

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Top Skills

Exploratory Data Analysis
Convolutional Neural Networks
(CNN)
Transfer Learning

Certifications

Microsoft AI & ML Engineering
Professional Certification
Certificate Program in Agentic AI
(Currently in progress - expected
completion 02/2026)
Microsoft Certified: Azure AI
Engineer Associate
Mathematics for Machine Learning
and Data Science
Professional Certificate Program
in Machine Learning & Artificial
Intelligence

Darin Williams

AI/ML Engineer | Architecting Agentic Systems in Healthcare, Legal
Tech & Fraud Prevention | MIT & Microsoft Certified | Azure AI
Engineer
Richardson, Texas, United States

Summary

MIT- and Microsoft-certified AI/ML Engineer with 15+ years of
software engineering experience, now advancing the frontier of
agentic AI systems.

I specialize in Computer Vision, NLP, RAG (Retrieval-Augmented
Generation), and MLOps, with hands-on expertise in cloud-native
deployments on Azure. My work includes:

Designing autonomous medical decision support tools (Merck
Medical Manuals)
Building fraud detection pipelines with Graph Neural Networks
(GNNs)
Forecasting & retention models with XGBoost, ANN architectures

Impact highlights:

Boosted retention by 15%
Increased forecast accuracy by 18%
Accelerated deployment through containerized CI/CD workflows

Currently at Johns Hopkins University, deepening expertise in
Agentic AI, ethical frameworks, and autonomous systems. My
mission: to build AI that is scalable, interpretable, and responsible
—especially in healthcare, legal tech, and high-stakes decision-
making.

I'm open to collaboration, mentorship, and mission-driven
opportunities where AI can responsibly transform industries.

Experience

Blue Cross and Blue Shield of Illinois, Montana, New Mexico,
Oklahoma & Texas

16 years 10 months

Lead Software Engineer

March 2015 - September 2023 (8 years 7 months)

Richardson, Texas

Role: Lead Developer Project: MMA

- Architected microservices 1M+ daily trans
- Mentored engineers on Kotlin, Java, ReactJS
- Automated CI/CD pipelines with Jenkins

Role: Lead Developer Project: Blue Access

- Created Reusable ReactJS Components
- Engineered new Java API backend modules

Role: Lead Developer Project: On Board

- Developed Kotlin features for a mobile app
- Created Android Jetpack Compose features

Software Developer

December 2006 - September 2015 (8 years 10 months)

Object Systems Group

Java Software Developer

January 2005 - December 2006 (2 years)

Irving, Texas

Bio-Terrorism Division, Dallas County

Database Administrator

November 2001 - January 2005 (3 years 3 months)

Dallas Texas

Alcatel-Lucent

Software Developer

August 1996 - September 2001 (5 years 2 months)

Dallas, Texas

FoxMeyer Health Corporation

Unix Developer

August 1994 - August 1996 (2 years 1 month)

Carrollton, Tx

Education

The Johns Hopkins University

Certificate Program in Agentic AI, Architecture of Intelligent Agentic Systems · (August 2025 - February 2026)

The University of Texas at Austin

Postgraduate Degree, Artificial Intelligence and Machine Learning: Business Applications · (January 2025 - August 2025)

Regis University

Master of Science Software Engineering (M.S.S.E), - Concentration Mobile Software Development · (2015 - 2017)

Western Governors University

Bachelor of Science (B.S.), Computer Science, IT - Software Emphasis · (2012 - 2015)

Udacity

Nanodegree - Introduction to Machine Learning with TensorFlow, Unsupervised Learning · (December 2024 - February 2025)