**Nana Wang**

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**PROFESSIONAL SUMMARY**

Innovative AI leader with a decade of experience at the intersection of AI-driven insights, editorial strategy, and cross-functional collaboration. Proven track record of collaborating with product and technological teams to develop AI solutions enhancing editorial workflows and consumer-facing products. Successfully reduced app crashes by 40% for millions of users and cut false positives by 25% in healthcare. Experienced in mentoring teams to deliver high-impact results, aligning with media-centric missions. Strong advocate for responsible AI usage, with the ability to communicate complex AI concepts to non-technical stakeholders.

**EXPERIENCE**

**DIRECTV** LOS ANGELES, CA

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| **Principal Data Scientist** *Dec 2021 - Present* |

Led AI-driven innovations, enhancing streaming quality and user engagement for a large subscriber base.

Cut app crashes 40% on underperforming devices, boosting stability for 3M subscribers by ?? %.

Launched an AI model reducing call-back rates 20% for 8,000+ service agents by ?? %.

Achieved 95% churn accuracy, saving $2M/year with advanced ML strategies by ?? %.

**Landmark Health LLC** Huntington Beach, CA

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| **Promoted from Data Scientist to Sr Data Scientist** *Jul 2019 - Sep 202* |

Directed predictive analytics to improve patient outcomes, leveraging AI for healthcare innovations.

Created ROADS Data Science framework, boosting team efficiency by ?? % and productivity by 30%.

Rebuilt ER models, cutting ER visits 15% via real-time risk alerts for high-acuity patients by ?? %.

Reduced false positives by ?? 25% with rigorous data workflows and validation logic.

**Capital Blue Cross** Harrisburg, PA

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| **Promoted from Business Consultant to Sr. Business Consultant** *Apr 2017 - Jul 2019* |

Advised on data strategies, enhancing compliance and reporting for improved media data governance.

Streamlined ETL pipelines, trimming data discrepancies 40% and boosting reliability by ?? %.

Led data-governance revamp, improving regulatory reporting accuracy by ?? 30%.

**Pennsylvania Department of Education** Harrisburg, PA

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| **Data Analyst & Data Architect** *Oct 2014 - Feb 2017* |

Modernized education data systems, integrating AI to reduce costs and enhance system reliability.

Lowered vendors costs 40% by ?? migrating platforms, achieving 98% test coverage.

Delivered stable pipelines with enhanced automation and performance tracking ?? %.

**EDUCATION**

**Johns Hopkins University** US

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| **MS in Artificial Intelligence** *2018-2023* |

Completed 18 courses with a focus on AI, ML, and Data Science while working full time

Developed AI-driven solutions for editorial workflows as part of capstone project

Collaborated with cross-functional teams on machine learning applications in media

**University of Maryland** US

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| **MS in Finance** *2012-2014* |

Gained strong analytical skills applicable to data analysis and consumer product development

Completed coursework in data-driven decision making and financial modeling

**University of Nottingham** China

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| **BS in Finance** *2008-2012* |

GPA 4.0/4.0, First Class Honours Degree

Developed a thesis on the impact of AI technologies on financial markets

**SKILLS**

TECHNICAL

AI technologies, Data Science, Machine Learning Applications, Data Analysis, Python, R, SQL, AWS, Spark, Hadoop, S3, Snowflake, Databricks, Azure

SOFT

Leadership, Strategic Mindset, Cross-functional Collaboration, Communication of Complex Concepts, Advocacy for AI Ethics

OTHER

Editorial Operations, Consumer Product Development, Collaboration with Product and Technological Teams, Statistics, Experimentation, Analytics Engineering, A/B Testing, Data Infrastructure, Agentic AI

**PROJECTS**