**Nana Wang**

301-661-5091 | nwangwk@gmail.com | https://www.linkedin.com/in/nana-wang-00593465/

|  |
| --- |
| **SUMMARY** |

Experienced data science leader with a proven track record of delivering impactful solutions across multiple industries. Skilled in building and leading high-performing teams, developing innovative data products, and driving business growth through data-driven insights.

* Led cross-functional teams to deliver data science solutions that increased revenue by 15%.
* Developed and implemented machine learning models that improved operational efficiency by 20%.
* Established data science best practices and frameworks, accelerating project delivery by 25%.

|  |
| --- |
| **EXPERIENCE** |

**DIRECTV** **LOS ANGELES, CA**

*Principal Data Scientist* *Dec 2021 - Present*

**Lead a DS team driving streaming quality, user engagement, and ops efficiency for 3M+ subscribers**

* Cut app crashes 40% on underperforming devices, boosting stability for 3M subscribers.
* Launched an AI model reducing call-back rates 20% for 8,000+ service agents.
* Achieved 95% churn accuracy, saving $2M/year with advanced ML strategies.

**Landmark Health LLC** **Huntington Beach, CA**

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

**Oversaw a predictive analytics team of five DS, improving patient outcomes for 500K+ records**

* Created ROADS Data Science framework, increased team productivity by 30%, boosted team efficiency 20%
* Rebuilt ER models, cutting ER visits 15% via real-time risk alerts for high-acuity patients.
* Reduced false positives by 25% with rigorous data workflows and validation logic.

**Capital Blue Cross** **Harrisburg, PA**

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

**Advised on enterprise data strategies, compliance, and reporting governance**

* Streamlined ETL pipelines, trimming data discrepancies 40% and boosting reliability.
* Led data-governance revamp, improving regulatory reporting accuracy by 30%.

**Pennsylvania Department of Education** **Harrisburg, PA**

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

**Modernized statewide education data systems, reducing costs and boosting reliability**

* Lowered vendors costs 40% by migrating platforms, achieving 98% test coverage.
* Delivered stable pipelines with enhanced automation and performance tracking

|  |
| --- |
| **EDUCATION** |

**MS in Artificial Intelligence - Johns Hopkins University, US** **2018-2023**

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

**MS in Finance - University of Maryland, US** **2012-2014**

**BS in Finance - University of Nottingham, China** **2008-2012**

GPA 4.0/4.0, First Hours Degree

|  |
| --- |
| **SKILLS** |

Languages: Python, R, SQL

Expertise: Statistics, Experimentation, Analytics Engineering, A/B Testing, Data Infrastructure, Agentic AI

Platforms: AWS, Tableau, Spark, Hadoop, S3, Snowflake, Databricks, Azure