

AIDEN TAN

Healthcare Data Scientist

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☎ (123) 456-7890

📍 Hagerstown, MD

in [LinkedIn](#)

WORK EXPERIENCE

Healthcare Data Scientist

Meritus Health

📅 2021 - current 📍 Hagerstown, MD

- Developed a predictive readmission model in Python, which achieved an accuracy rate of 86%, helping Meritus Health proactively identify at-risk patients.
- Leveraged Apache Hadoop to figure out the complexities in healthcare data and discover hidden patterns and anomalies that led to an **18% reduction in diagnostic errors**.
- Devised a Tableau remote monitoring dashboard for tracking vital signs and patient conditions remotely, reducing the need for in-person visits by 36%.
- Integrated TensorFlow into Meritus Health's electronic health record (EHR) system to allow predictive analytics for clinical decision support, decreasing medical errors by 14%.

Healthcare Data Analyst

Maxim Healthcare Services

📅 2018 - 2021 📍 Columbia, MD

- Created MySQL database backup and recovery procedures for minimal data loss during system failures, reducing recovery time by 2.7 hours.
- Applied SAS data mining techniques to healthcare claims data, resulting in a 19% decrease in claims processing errors.
- Proposed AWS Data Pipeline for real-time data integration, ensuring timely access to critical patient data for clinical teams, **minimizing data access delays by 41%**.
- Established Epic Systems with external laboratories, reducing result turnaround time by 26 minutes.

Data Analyst Intern

T. Rowe Price

📅 2017 - 2018 📍 Baltimore, MD

- Implemented a sentiment analysis model using NLTK, accurately predicting market trends with an 87% success rate.
- Conducted in-depth financial data analysis to identify cost-saving opportunities that **cut down operating expenses by \$24,653**.
- Built ETL (Extract, Transform, Load) processes in Talend, allowing for the seamless integration of external financial data sources, shrinking manual data entry by 22%.
- Designed a machine learning model to predict market downturns, reducing client losses by 16%.

EDUCATION

Master of Science

Health Informatics

Johns Hopkins University

📅 2014 - 2016

📍 Baltimore, MD

Bachelor of Science

Computer Science

Johns Hopkins University

📅 2014 - 2018

📍 Baltimore, MD

SKILLS

- Python
- Tableau
- TensorFlow
- Apache Hadoop
- MySQL
- SAS
- AWS
- Epic Systems
- NLTK
- Talend