

ABISH PIUS

Data Scientist - AI/ML Engineer

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🔗 <https://abishpius.github.io/Abishpius/>

WORK EXPERIENCE

AI/ML Engineer

Kloudstax

📅 Jun 2025 – Current

📍 Chicago, IN

- Delivered 2 solutions using Google's Agent Development Kit (ADK) for startup organizations wanting to integrate agentic workflows in their digital products.
- Consult on both pre-sales and delivery securing committed spend and project SOWs totaling over \$100,000, including pre-selection for Google's AI Startup Kickoff program.

Data Scientist

United States Steel Corporation

📅 Jan 2021 – Jun 2025

📍 Pittsburgh, PA

- Led Generative AI use cases for USS Private GPT, two Q&A tools, and an AI Structured Data Analyst all utilizing langchain. Scoped and improved prompt statements plus utilized few shot learning to fine tune outcomes. Final product was demo'd in Google Next '23 Keynote speech.
- Designed iron ore price 6-month forecasting model alongside a hedging decision strategy with expected returns >10% compared to baseline. Productionalized ingestion and modelling pipelines using kedro.
- Counted pipe inventory for different production plants using Azure custom vision and Oracle vision tool with 98% precision.

Freelance Big Data Solutions Expert

UpWork

📅 October 2021 – Mar 2023

📍 ID: freelancers/ 01d2db74395151722c

- Completed 40+ jobs, received Expert Vetted status (top 1%) and earned membership in the Stanford Talent Cloud for successful analysis on Sensomics startup data within GCP Vertex AI.
- Consulted as a Data Science Lead for Trajum Analytics reducing medical appointment booking churn 30% through a hosted model endpoint on GCP AI Platform API.
- Consulted Vitro Technology Corporation in building a POC dashboard for SNMP Thingsboard data in AWS utilizing S3, Redshift and QuickSight.

EDUCATION

Masters of Science in Computational Biomedicine

University of Pittsburgh

📅 2019 – 2020

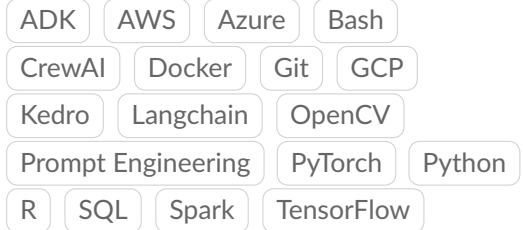
Bachelor's of Science in Neuroscience

University of Pittsburgh

📅 2013 – 2017

📍 Minors: Chemistry, Mathematics

SKILLS



CERTIFICATIONS

AWS Certified Machine Learning - Speciality

AWS

📅 March 2023 – March 2026

Professional Machine Learning Engineer Certification

Google

📅 April 2024 – April 2026

PROJECTS

2025 MLB Hackathon Winner

Computer Vision Model

📅 April 2025

- Used a Tensorflow SpatioTemporal Neural Network model to predict launch angle, exit velocity and distance traveled on historical home run videos.
- Won \$5000 prize and showcased model at **Google Cloud Next 2025**.

Data Science Subject Matter Expert

Emeritus Course Consult

📅 November 2021 - May 2022

- Consulted as SME for two courses, CMU's Introduction to Computer Vision and NYUT's Using Data Science to Manage Cyber Risk
- Reviewed course materials for accuracy and designed/updated questions and exercises within Canvas and Codio.

Machine Learning Competition

ICR - Identifying Age-Related Conditions

📅 August 2023

- Predicted if a person has any of three medical conditions medical conditions using Optuna to tune an ensemble of Random Forest, XGB and lightGBM models in Python
- Placed in top 9% of submitted models