

Name

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PROFESSIONAL SUMMARY

A seasoned AI and editorial leader with over a decade of experience in media and technology environments, leveraging advanced AI technologies and machine learning applications to drive editorial operations and consumer product development. Proven track record in collaborating with cross-functional teams to create scalable solutions, such as a secure data-sharing pipeline capable of processing terabytes of data efficiently using AWS technologies. Adept at communicating complex AI concepts to non-technical stakeholders, advocating for ethical AI usage, and enhancing editorial workflows with innovative, AI-driven solutions. Holds a Master's in Information Science, with expertise in programming languages and frameworks that align with strategic AI initiatives to enhance media contexts.

EXPERIENCE

XXX Lab, University XXX

XXX, PA

Software Developer - Volunteer (Spark, Elastic MapReduce, Parquet, Data Pipeline)

July 2024 – Aug 2024

Developed scalable data solutions using AWS to enhance data processing efficiency for large datasets.

- Implemented a data pipeline processing 1TB of data, enhancing efficiency for medical data analysis.
- Optimized ETL processes with Spark, reducing data processing time by 50% and cutting costs.
- Integrated AWS QuickSight for insights, reducing operational costs by 30% with automated workflows.

Department of XXX, University XXX

XXX, PA

Software Developer (Node.JS, Python-Django, NextJS)

Jun 2023 – Feb 2024

Led development of AI-driven applications to connect patients with caregivers using advanced technology.

- Developed Alexa skill for patient care, improving access to medical resources by 40% from home.
- Utilized AWS Lambda for Alexa skill, boosting execution efficiency by 30% and tracking processes.
- Enhanced Django API security, increasing data protection by 50% with JWT authentication.
- Created data visualization features, streamlining CI/CD pipeline for efficient deployment.
- Produced tutorials for onboarding, reducing training time by 20% and ensuring project continuity.

国内某科技小公司

XXX, China

Computer Vision Algorithm R&D Intern (Python, C++, Shell Script)

Oct 2021 – Mar 2022

Enhanced computer vision algorithms for robotics, improving object detection and simulation testing.

- Improved YOLO model accuracy by 25% for inspection robots, increasing reliability in server rooms.
- Generated 10,000 datasets with Blender, enhancing YOLO training performance by 40%.
- Developed Gazebo environments, facilitating comprehensive testing for solar panel robots.
- Automated testing setup, reducing preparation time by 80% and improving workflow efficiency.
- Collaborated on robotic integration, ensuring seamless system operation and project documentation.

EDUCATION

University XXXX

XXX, PA

Master XXX Information Science (GPA 3.95/4.0)

Aug 2022 - May 2024

Led projects on AI-driven media solutions in Cloud Computing.

Developed immersive media applications using advanced AI tools.

Specialized in Applied AI for editorial content enhancement.

Conducted data mining projects focused on media analytics.

SKILLS

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Go, Python, Java, AWS, Docker

Soft Skills: Leadership, Strategic mindset, Cross-functional collaboration, Communication of complex concepts, Advocacy for AI ethics

Other Skills: Editorial operations, Collaboration with product and tech teams, Decision-making, Organization

PROJECTS

Serverless Document Processing System

2022

Designed a serverless system using AWS, enhancing editorial workflows with AI-driven automation. Implemented cost-efficient file processing with AWS Lambda, aligning with AI technologies in media.

Camping Advisor Portal

2021

Integrated APIs for real-time data analysis, enhancing consumer product development in media. Utilized Neo4j for data persistence, showcasing advanced data analysis and visualization skills.

Accommodation Website

2020

Developed a housing app with AI-driven features, achieving top 10% ranking for user-friendly design. Implemented fake comment detection, demonstrating practical AI applications in consumer products.

E-commerce Website

2019

Built a scalable e-commerce platform using MERN stack, focusing on foundational AI technologies. Emphasized scalable design, aligning with consumer product development in editorial contexts.

Clinical Reminder Backend

2018

Developed a backend system in three days, showcasing rapid AI-driven solution deployment. Created RESTful APIs for data management, enhancing editorial operations with AI technologies.

Unity(C#) Game Development

2017

Led a team to win an award at a Game Jam, demonstrating leadership and AI-driven innovation. Released a 3D adventure game, showcasing AI applications in consumer-facing media products.