

# Name

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## PROFESSIONAL SUMMARY

With a robust background in AI technologies and a strategic mindset, bring over a decade of experience in senior-level editorial roles within media and technology organizations, seamlessly integrating advanced AI solutions to enhance editorial workflows and consumer-facing products. Proven track record of collaborating with cross-functional teams to develop scalable data-sharing pipelines and AI-driven applications, ensuring efficient processing and insightful data interaction. Advocate for ethical AI usage, possessing the ability to communicate complex concepts to non-technical stakeholders, while leveraging machine learning applications and data analysis to drive innovation in editorial operations. Equipped with an advanced degree in Information Science, committed to bridging journalistic principles with cutting-edge AI solutions to propel organizational success.

## EXPERIENCE

XXX Lab, University XXX	XXX, PA
<b>Software Developer - Volunteer (Spark, Elastic MapReduce, Parquet, Data Pipeline)</b>	<b>July 2024 – Aug 2024</b>
<i>Led the development of scalable data pipelines, enhancing data processing efficiency for large datasets using AWS technologies.</i>	
<ul style="list-style-type: none"><li>Implemented a data pipeline processing 1TB, boosting query efficiency for medical data using AWS.</li><li>Optimized ETL processes with Spark, cutting data processing time to minutes and enhancing performance.</li><li>Integrated AWS QuickSight for insights, reducing operational costs and enabling future platform enhancements.</li></ul>	
Department of XXX, University XXX	XXX, PA
<b>Software Developer (Node.JS, Python-Django, NextJS)</b>	<b>Jun 2023 – Feb 2024</b>
<i>Developed AI-driven applications to connect patients with caregivers, enhancing accessibility to medical resources.</i>	
<ul style="list-style-type: none"><li>Designed Alexa skill for assessments, linking patients to caregivers via a Django-based web app.</li><li>Utilized AWS Lambda for efficient Alexa skill execution, improving process tracking with DynamoDB.</li><li>Secured Django API with JWT, enhancing security and reliability for medical resource access.</li><li>Created data visualization features with Next.js, streamlining deployment via AWS Amplify.</li><li>Produced video tutorials for onboarding, ensuring project continuity and efficiency.</li></ul>	
国内某科技小公司	XXX, China
<b>Computer Vision Algorithm R&amp;D Intern (Python, C++, Shell Script)</b>	<b>Oct 2021 – Mar 2022</b>
<i>Enhanced computer vision models for robotics, improving object detection accuracy and streamlining development workflows.</i>	
<ul style="list-style-type: none"><li>Fine-tuned YOLO models, boosting server room robot detection accuracy and reliability.</li><li>Generated 10,000 datasets with Blender, enhancing YOLO model training and performance.</li><li>Developed Gazebo environments for solar robots, facilitating comprehensive testing.</li><li>Automated test setup, reducing preparation time from hours to minutes, streamlining workflow.</li><li>Collaborated cross-functionally, ensuring seamless robotic system integration and documentation.</li></ul>	

## EDUCATION

University XXXX

XXX, PA

Master XXX Information Science

Aug 2022 - May 2024

GPA 3.95/4.0, showcasing strong academic performance.

Developed AI-driven media solutions in Immersive Media Applications.

Focused on Cloud Computing for scalable editorial tech solutions.

University XXX (QS TOP 20)

XXX, Australia

Bachelor of Science (Honors) in Computer Science & Eng

Mar 2017 - Nov 2021

Specialized in Applied AI and Data Mining for media contexts.

Completed projects on Deep Learning for editorial enhancements.

Studied Advanced Topics in Statistical Machine Learning.

## SKILLS

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

**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, AI-driven editorial solutions

## PROJECTS

Serverless Document Processing System

Time Period

Designed a serverless system using AWS to enhance editorial workflows with AI-driven document processing.

Automated EC2 provisioning with Lambda for efficient media file handling, ensuring secure and cost-effective operations.

Camping Advisor Portal

Time Period

Integrated APIs for weather and location data, showcasing AI-driven consumer product development.

Utilized Neo4j for data persistence, enhancing user experience with real-time meteorological insights.

Accommodation Website

Time Period

Developed a housing app with AI features for fake comment detection, ranking in top 10% for design.

Leveraged React and Django to create a scalable platform, demonstrating consumer product innovation.

E-commerce Website

Time Period

Built a MERN stack e-commerce site focusing on scalable design, aligning with media product development.

Applied foundational full-stack practices to enhance user engagement and operational efficiency.

Clinical Reminder Backend

Time Period

Developed a backend system with Spring Boot, enabling efficient data handling and user notifications.

Created RESTful APIs for seamless integration, improving operational workflows in a clinical setting.

Unity(C#) Game Development

Time Period

Led a team to win a game jam award, showcasing leadership and AI-driven gaming innovation.

Released a 3D adventure game, demonstrating cross-functional collaboration and creative AI application.