

# Name

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## PROFESSIONAL SUMMARY

Innovative AI and editorial strategist with a robust 10-year background in senior-level roles within media and technology sectors, adept at bridging journalistic principles with cutting-edge AI solutions. Expertise in developing scalable data-sharing platforms and integrating AI technologies such as machine learning and computer vision to enhance editorial workflows and consumer product development. Proven track record of collaborating with cross-functional teams to deliver AI-driven solutions, leveraging advanced data analysis and machine learning applications. Committed to advocating for ethical AI usage and effectively communicating complex AI concepts to diverse stakeholders, ensuring strategic alignment and operational efficiency. Advanced degrees in Information Science and Computer Science underpin a strategic mindset and leadership acumen, making for a compelling fit in driving AI innovation in editorial operations.

## EXPERIENCE

XXX Lab, University XXX

XXX, PA

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

July 2024 – Aug 2024

Developed scalable data pipelines using AWS to enhance data processing efficiency and support AI-driven solutions.

- Implemented a data pipeline processing 1TB of medical data, enhancing AI-driven insights.
- Optimized Spark ETL processes, reducing data processing time to minutes, boosting AI efficiency.
- Integrated AWS QuickSight for data insights, reducing operational costs and enhancing AI adaptability.

Department of XXX, University XXX

XXX, PA

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

Jun 2023 – Feb 2024

Led development of AI-integrated applications to connect patients with caregivers, enhancing remote medical access.

- Developed Alexa skill for remote assessments, improving patient-caregiver connectivity.
- Utilized AWS Lambda for Alexa skill, enhancing execution efficiency and AI integration.
- Secured Django API with JWT, strengthening data protection and AI application reliability.
- Deployed Next.js features via AWS Amplify, streamlining CI/CD for AI-driven projects.
- Created video tutorials for onboarding, ensuring continuity in AI project development.

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 models for robotic applications, improving AI accuracy and operational efficiency.

- Enhanced YOLO models for robots, boosting object detection accuracy in AI systems.
- Generated 10,000 datasets, improving YOLO model training and AI performance.
- Developed Gazebo environments, facilitating comprehensive AI testing for robots.
- Automated testing setup, reducing preparation time, streamlining AI development.
- Collaborated cross-functionally, ensuring AI system integration and project support.

## EDUCATION

University XXXX

XXX, PA

Master XXX Information Science

Aug 2022 - May 2024

GPA 3.95/4.0, showcasing strong academic performance.  
Coursework in Cloud Computing aligns with AI in media contexts.  
Studied Network Science, relevant for AI-driven editorial solutions.

**University XXX (QS TOP 20)**

**Bachelor of Science (Honors) in Computer Science & Eng**

XXX, Australia  
Mar 2017 - Nov 2021

Coursework in Applied AI and Data Mining supports AI innovation.  
Deep Learning studies provide foundation for AI technologies.  
Advanced Statistical ML topics enhance data analysis skills.

**SKILLS**

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

**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, Data Science, Decision-making

**PROJECTS**

**Serverless Document Processing System**

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

Implemented cost-efficient, automated EC2 provisioning for seamless media file processing using AI technologies.

**Camping Advisor Portal**

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Integrated APIs for weather predictions and campsite discovery, enhancing consumer product development. Utilized Neo4j and D3JS to provide data-driven insights on optimal meteor shower viewing, aligning with AI data analysis.

**Accommodation Website**

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Developed a housing app with AI-driven fake comment detection, ranking in the top 10% for user-friendly design.

Leveraged React and Django to enhance consumer product development through strategic AI integration.

**E-commerce Website**

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Built a scalable e-commerce platform using the MERN stack, focusing on AI-driven consumer product development.

Applied foundational full-stack practices to enhance editorial operations with AI technologies.

**Clinical Reminder Backend**

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Developed a backend system in three days, enabling AI-driven patient management and reminders in editorial contexts.

Utilized Spring Boot to create RESTful APIs, facilitating cross-functional collaboration in healthcare media.

**Unity(C#) Game Development**

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